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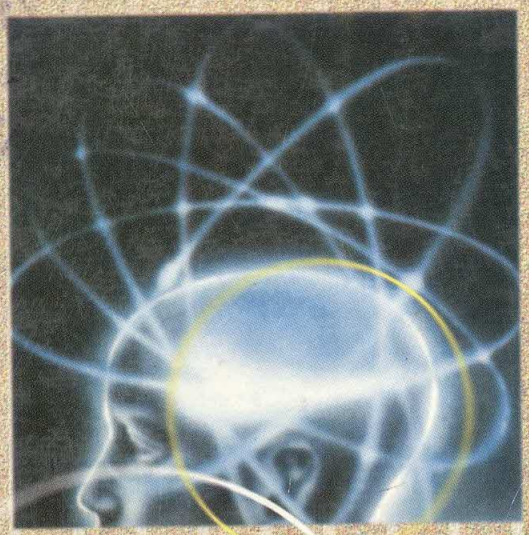
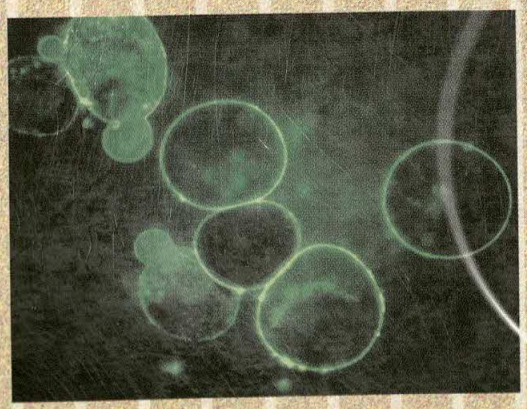
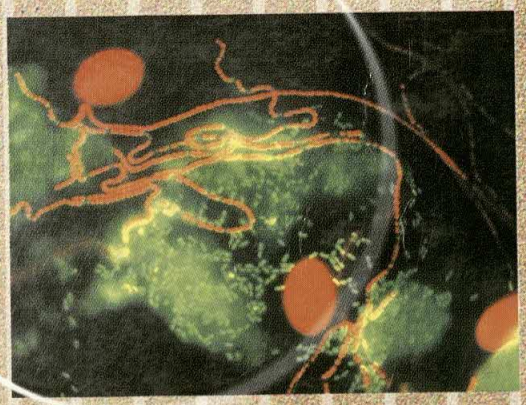
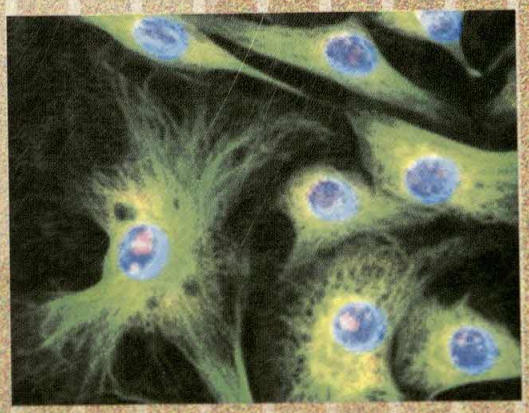
ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION 2002 - 2003









DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF WEST BENGAL
2003

ANNUAL REPORT
OF THE
DEPARTMENT OF HIGHER EDUCATION

2002-2003

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DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF WEST BENGAL
2003

ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION, 2002-2003

June, 2003

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FOREWORD

The Annual Report of the Department of Higher Education for the year 2002-2003 highlights the activities of the Department and the various other organizations attached to it.

The Department of Higher Education has been taking all possible measures for qualitative and quantitative improvement of education in the State. Measures for expansion of the existing facilities along with creation of new facilities, decentralization of the authorities, modernization of the course curriculum and diversification of Subjects in different fields of Higher Education have been adopted by the Department also during the year as in the recent past.

Necessary care has also been taken for introduction of new subjects in the emerging areas of Engineering and Technology including Information Technology, Bio-technology, Computer Science and Engineering etc. Steps have been taken for introduction of Postgraduate and Professional Courses in some selected areas of studies including Microbiology, Electronics and Instrumentation Engineering and Law.

In order to reach the larger cross-section of the society and to allow the benefit of higher education to those who cannot afford to come under the conventional system of education, steps have been taken for expansion of the Open Education system.

The facts and figures cited in this informative Report bring into clear focus how the Department of Higher Education has ever been moving for gradually bringing about over-all improvement of the education system in the State.

S. Chakraborty.

(Satyasadhan Chakraborty)
Minister-in-charge
Higher Education Department

Date : 30th June,2003
Bikash Bhawan, Salt Lake,
Kolkata – 700 091

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PREFACE

The present volume of Annual Report of the Higher Education Department highlights the activities of the Department during the preceding year and provides valuable information on Universities, Colleges and Institutions engaged in graduate education and higher degrees. This volume also brings out the details of the institutions that cater to professional subjects, including engineering and management. During last one year, two Centres of Excellence – one in Social Sciences and the other in Biotechnology have been set up — the first as an autonomous Institute and the second as a wing of the West Bengal University of Technology. Besides, 6 degree-level Engineering and Technology Colleges have been established in the State in the Academic Session 2002-2003. Approval has been accorded to introduce 135 Honours courses and 104 General courses in different subjects, in 124 Colleges of the State. This Department has also given priority to the introduction of various need-based / job-related subjects and courses relevant to the modern age.

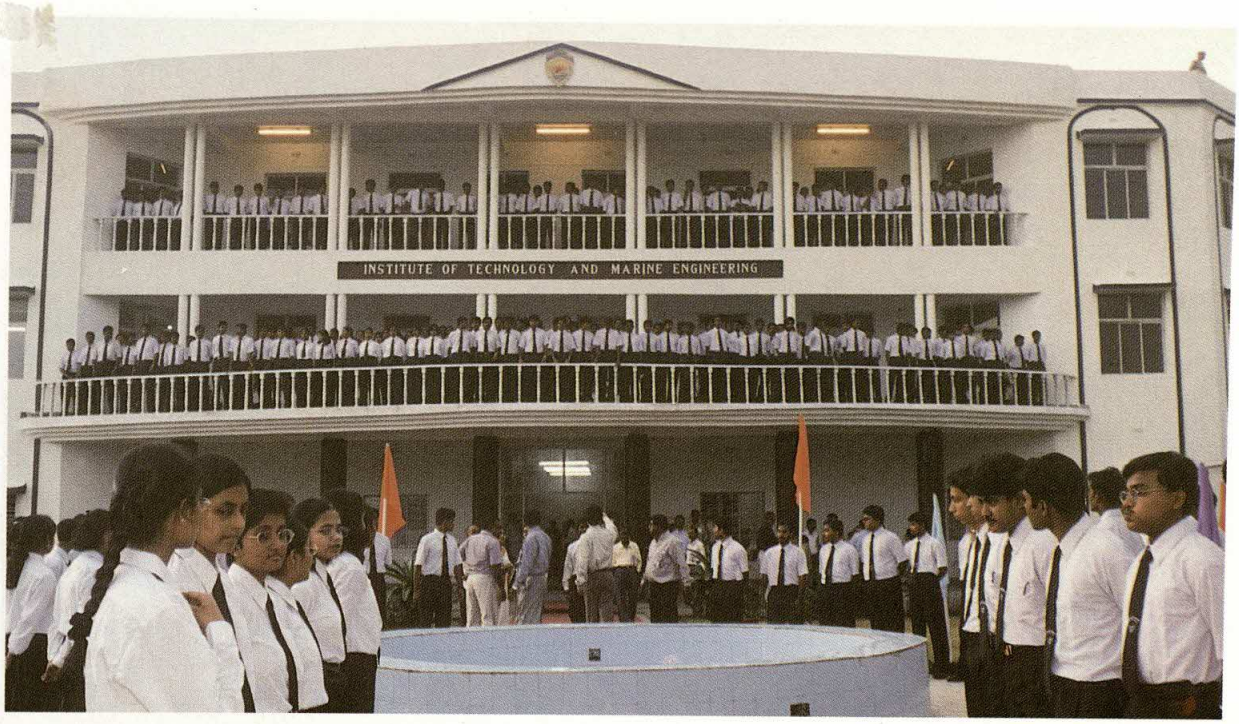
The particulars and information furnished in this volume are based on the materials collected from different institutions and organizations, attached to this Department. I take this opportunity to thank all these institutions and organizations that have furnished this information and have thereby helped in the publication of this Report.

I would fail in my duty if I do not mention here the assistance extended by District Magistrates who have taken an active interest in collection of the data on colleges and institutions situated in the far-flung areas of the State. I am grateful to the officers and the members of staff belonging to our two Directorates, viz. the Directorate of Higher Education and the Directorate of Technical Education, for their assistance. Shri Manotosh Biswas, Deputy Secretary of this Deptt and his team of officers and staff have worked tirelessly to bring out this updated volume and I thank them.

It would be of immense help towards the improvement of this publication if suggestions are received from different corners.

Dated Bikash Bhawan, Salt Lake
Kolkata-700 091.
the 30th June, 2003

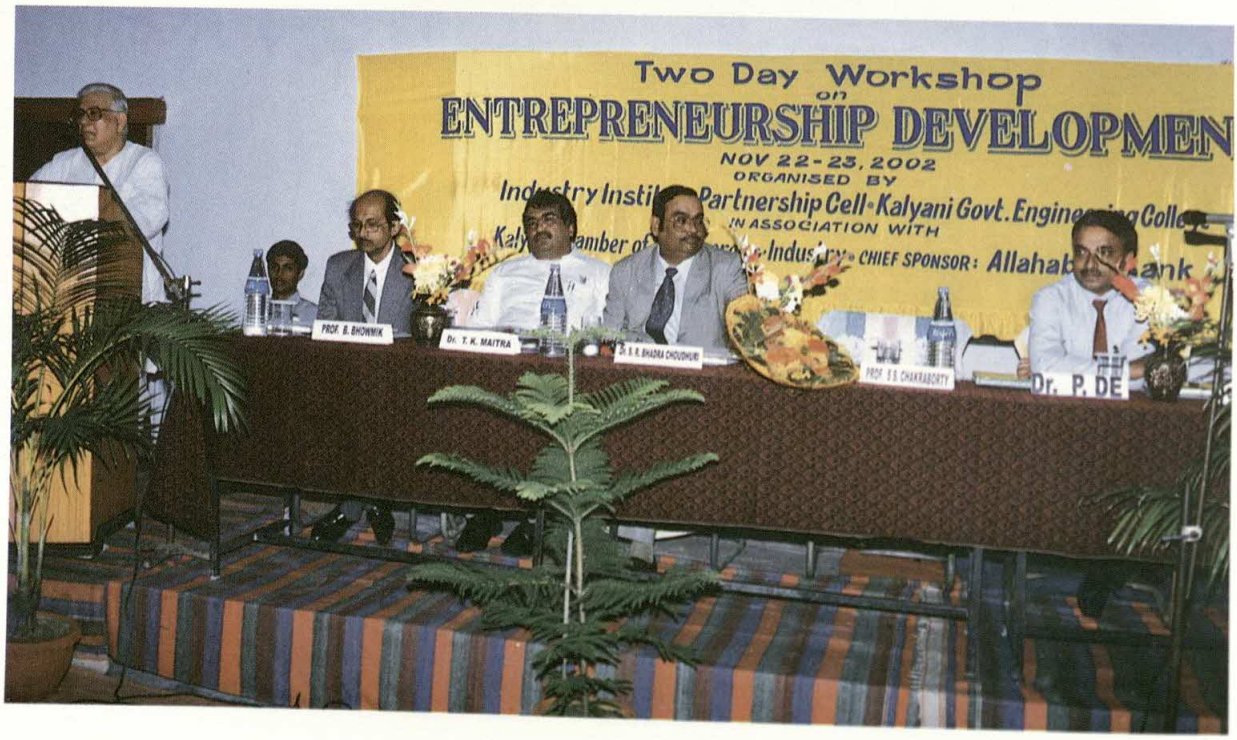
(Jawhar Sircar)
Principal Secretary
Department of Higher Education
Govt. of West Bengal



Institute of Technology and Marine Engineering (2002)

Calcutta Institute of Pharmaceutical Technology and Allied Health Sciences (2002)

Interfacing West Bengal University of Technology and Industry - 2002-03.



Workshop on Entrepreneurship Development at Kalyani Govt. Engg. College, Nov. 22-23, 2002

Netaji Museum, Gidda Pahar, Kurseong

Siliguri Institute of Technology, (1999)

Seminar on Science & Technology Education through Distance mode at NBU

First Convocation of Netaji Subhas Open University.

State level Non Govt. College Athletic Meet, 2002-2003.

State level Govt. College football Championship, 2002-2003.

Trade fair (2002-2003) organised by the College of Leather Technology, Kolkata

UGC Sponsored - State level seminar at Sarat Centenary College, Dhaniakhali, Hooghly.

CHAPTER - 1

HIGHER EDUCATION IN WEST BENGAL

AT A GLANCE 2002-2003

CHAPTER – 1

HIGHER EDUCATION IN WEST BENGAL

AT A GLANCE

2002-2003

A. UNIVERSITIES :

(1) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN THE DEPARTMENT OF HIGHER EDUCATION ALONGWITH NUMBER OF AFFILIATED COLLEGES, ETC.

UNIVERSITY	No. of Departments	No. of faculty	No. of teachers	General degree colleges	Education Colleges	Physical Colleges	Law Colleges	Management Colleges	Art Colleges	Music Colleges	Home Sc. Colleges	Eng & Tech Colleges	Institute of English	Total No. of Colleges
1. Calcutta University	59	5	698	154	11	2	3	1	2	1	1	1*	1	177
2. Burdwan University	28	4	266	78	6	1	0	1	0	1	0	1	0	88
3. Vidyasagar University	19	3	95	33	2	0	2	0	0	0	0	0	0	37
4. Kalyani University	22	4	245	34	2	0	1	2	0	0	0	0	0	39
5. North Bengal University	20	4	195	55	5	1	2	0	0	0	0	0	0	63
6. Jadavpur University	32	3	770	0	0	0	0	1	0	0	0	0	0	1
7. Rabindra Bharati University	22	3	155	0	0	0	0	0	0	0	0	0	0	0
8. Bengal Engineering College	12	2	179	0	0	0	0	0	0	0	0	0	0	0
9. Netaji Subhas Open University	–	3	–	0	0	0	0	0	0	0	0	0	0	0
10. West Bengal University of Technology	–	–	–	0	0	0	0	7	0	0	0	36	0	43
Total	–	–	**2603**	**354**	**26**	**4**	**8**	**12+6**=18**	**2**	**2**	**1**	**38**	**1**	**454**

* Institute of Jute Technology. ** Management Colleges not affiliated to any State university

Note : Colleges within the purview of Higher Education Department and affiliated to different state aided universities have been shown in the table. However, the self financing private colleges under WBUT and other affiliating universities offering courses like BBA/BCA/BOPTOM have not been shown.

(2) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN OTHER DEPARTMENTS :

1. Bidhan Chandra Krishi Viswavidyalaya.
2. West Bengal University of Animal and Fishery Sciences.
3. West Bengal National University of Juridical Sciences.
4. Uttarbanga Krishi Viswavidyalaya.
5. West Bengal University of Health Science

(3) CENTRAL UNIVERSITIES :

1. Visva-Bharati
2. Indira Gandhi National Open University, Regional Centre

B. INSTITUTES WITH SPECIAL STATUS :

1. Indian Institute of Management, Joka
2. Indian Institute of Technology, Kharagpur
3. Indian Statistical Institute, Baranagar

C. INSTITUTION OF NATIONAL IMPORTANCE :

1. Asiatic Society.

D. IMPORTANT RESEARCH INSTITUTIONS :

1. Bose Institute
2. Central Glass & Ceramic Research Institute
3. Centre for Studies in Social Sciences
4. Central Mechanical Engineering Research Institute, Durgapur
5. Indian Association for the Cultivation of Science
6. Indian Institute of Chemical Biology
7. Institute of Historical Studies
8. Netaji Institute for Asian Studies
9. Saha Institute of Nuclear Physics

10. Satyendra Nath Bose National Centre for Basic Sciences

11. Variable Energy Cyclotron Centre

E. IMPORTANT INSTITUTES/ORGANISATIONS ATTACHED TO THE DEPARTMENT OF HIGHER EDUCATION

1. WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION :

Planning and co-ordination in the area of Higher Education.

2. WEST BENGAL COLLEGE SERVICE COMMISSION :

Conducts State Level Eligibility Test (SLET) for preparation of merit lists for recruitment to the posts of Lecturers in affiliated degree colleges and also recommends candidates for recruitment to the posts of principals of Non-Govt. Colleges.

3. DISTRICT GAZETTEERS :

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India scheme of revision of gazetteers which were compiled and published during the British Rule. It is engaged in research, compilation and publication of gazetteers and other allied literature. There is an Advisory Committee consisting of scholars and academicians to advise the State Editor.

4. STATE ARCHIVES :

The Archives is the repository of old historical records of the Government.

5. STATE BOOK BOARD :

The State Book Board was established in 1970. The Board has published 716 Books for undergraduate and postgraduate courses in 28 subjects till last year.

6. INSTITUT DE CHANDERNAGOR :

A centre for French language studies. There is also a museum at the Institute.

7. INSTITUTE OF ENGLISH.

The Institute was founded by the Govt. of West Bengal in collaboration with the British Council in 1963. It enjoys full academic autonomy in devising courses and syllabus, conducting examinations and conferring diplomas.

F. COLLEGES :

1. DIFFERENT TYPE OF COLLEGES

Government Colleges	General Degree Colleges	17
	Colleges for Education	7
	Colleges for Physical Education	4
	Art College	1
	Engineering & Technological Colleges	8
	Total	**37**
Non-Govt. Colleges	General Degree Colleges	337
	Colleges for Education	19
	Law College	8
	Home Science College	1
	Music College	2
	Art College	1
	Institute of English	1
	Business Management/Business Administration College	18
	Engineering & Technological Colleges (Self financing)	30
	Total	**417***
	Total Colleges in West Bengal	**454**

* This does not include private self financing colleges offering only BBA, BCA and B.OPTOM courses and affiliated to WBUT and a few other Universities.

2. EXTENSION OF AFFILIATION OF NEW SUBJECTS FOR UNDER-GRADUATE LEVEL FOR IN GOVT. COLLEGES DURING 2002-03 :

i) Bidhannagar College – Hons. In Microbiology

ii) Durgapur Govt. College – Hons. In Botany & Zoology

iii) Taki Govt. College – Hons. In Philosophy

In addition a few colleges/institutions have been established offering BBA/BCA/BOPTOM course.

3. NEW POST-GRADUATE SUBJECTS APPROVED FOR IN COLLEGES DURING 2002-03 :

NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
Presidency College, Calcutta	Applied Economics, Hindi
Krishnagar Govt. College	Philosophy & Geography
Asansol B.B. College	Physics
J.K.College, Purulia	Mathematics
Krishnanath College. Berhampore, Murshidabad	Sericulture, Physiology
Kancharapara College, Kancharapara, 24-Parganas(N)	Hindi
Asutosh College, Kolkata	Environmental Science

G. I.A.S., W.B.C.S. & MISC. EXAMINATION COACHING CENTRES :

1. Maulana Azad College (for Minorities) – WBCS, Miscellaneous Service etc.
2. Asutosh College - WBCS
3. Basanti Devi College — IAS
4. Presidency College — IAS
5. Institute of Social Welfare and Business Management — IAS

H. AWARDS : 2002

AWARD	RECIPIENTS	BOOKS
Rabindra Smriti Puraskar	Pranaati Mukhopadhyay Shri Victors Evbulish	Khitimohan Sen – O – Ardhasatabdir Shantiniketan East and West Cultural Units
Bankim Smriti Puraskar	Chitta Ghosal & Tapan Bandopadhyay	Nirbachita Galpa (2 Vol.) & Nadi Mati Arannya (1-3)
Vidyasagar Smriti Puraskar	Joyatibhusan Chaki Sunil Jana	

I. SCHOLARSHIPS AND STIPENDS RELEASED :

National Scholarship	—	More than 1500
Merit Certificates	—	about 2500
D.P.I. Special Stipend, Mohasin Trust Fund, Nizamat Stipend	}	about 500

J. NATIONAL SERVICE SCHEME :

NSS units conducted 321 special camps in their adopted villages/slums. 12,675 male and 3,756 female i.e. a total 16,431 students participated during the year. The activities undertaken at the special camps include construction work, malaria eradication, sanitation, health checkup, immunisation etc.

K. N. C. C. :

Covers 192 colleges and 7 Universities. Activities include Institutional Training, Community Development, Youth Exchange Programme, Sports and Adventure Training.

L.1. ENROLMENT OF STUDENT IN DIFFERENT AREAS OF STUDY IN UNIVERSITIES AND COLLEGES

(Based on data as received till 20-06-2003)

Area of Study	Boys				Girls				GRAND TOTAL
	Gen	SC	ST	Total	Gen	SC	ST	Total	
Arts	142369	36798	4946	184113	144940	22206	2545	169691	353804
Commerce	94138	9940	1073	105151	21836	1503	342	23681	128832
Science	65339	8186	898	74423	32113	3641	482	36236	110659
Education	2469	785	162	3416	3773	555	84	4412	7828
Law	1826	460	38	2324	867	134	26	1027	3351
Management	1131	60	12	1203	336	18	4	358	1561
Engineering	24016	2443	638	27097	6412	600	158	7170	34267
Total	**331288**	**58672**	**7767**	**397727**	**210277**	**28657**	**3641**	**242575**	**640302**

TOTAL NO OF STUDENTS BELONGING TO GENERAL CASTE	541565
TOTAL NO OF STUDENTS BELONGING TO SCHEDULED CASTE	87329
TOTAL NO OF STUDENTS BELONGING TO SCHEDULED TRIBE	11408
Grand Total	**640302**

L 2. ENROLMENT IN UNIVERSITIES

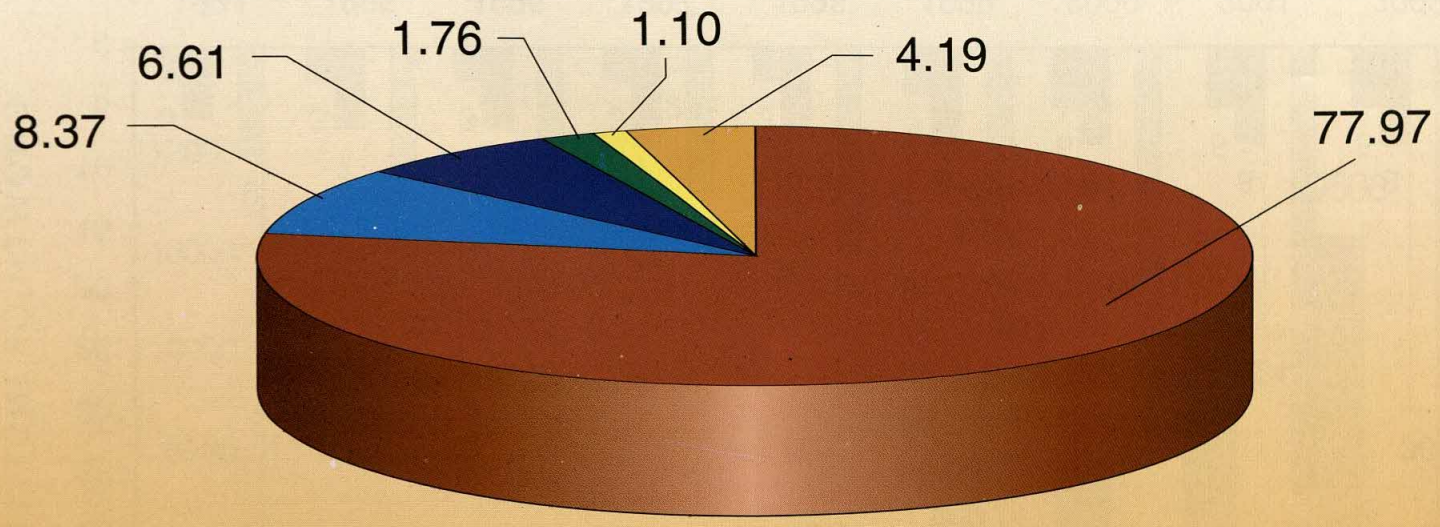
SL. NO.	NAME OF THE UNIVERSITY	TOTAL STUDENT
1.	Kalyani University (1960)	2723
2.	Calcutta University (1857)	11077
3.	Jadavpur University (1955)	8759
4.	Vidyasagar University (1981)	2539
5.	Burdwan University (1960)	3096
6.	North Bengal University (1962)	2392
7.	Rabindra Bharati University (1962)	6863
8.	Netaji Subhas Open University (1997)	10303
9.	Bengal Engineering College (Deemed University), (1992)	2944
	Grand Total	**50696**

M. CHARTS/GRAPHICAL REPRESENTATION OF GROWTH OF COLLEGES ETC.

1. Percentage of distribution for different categories of colleges

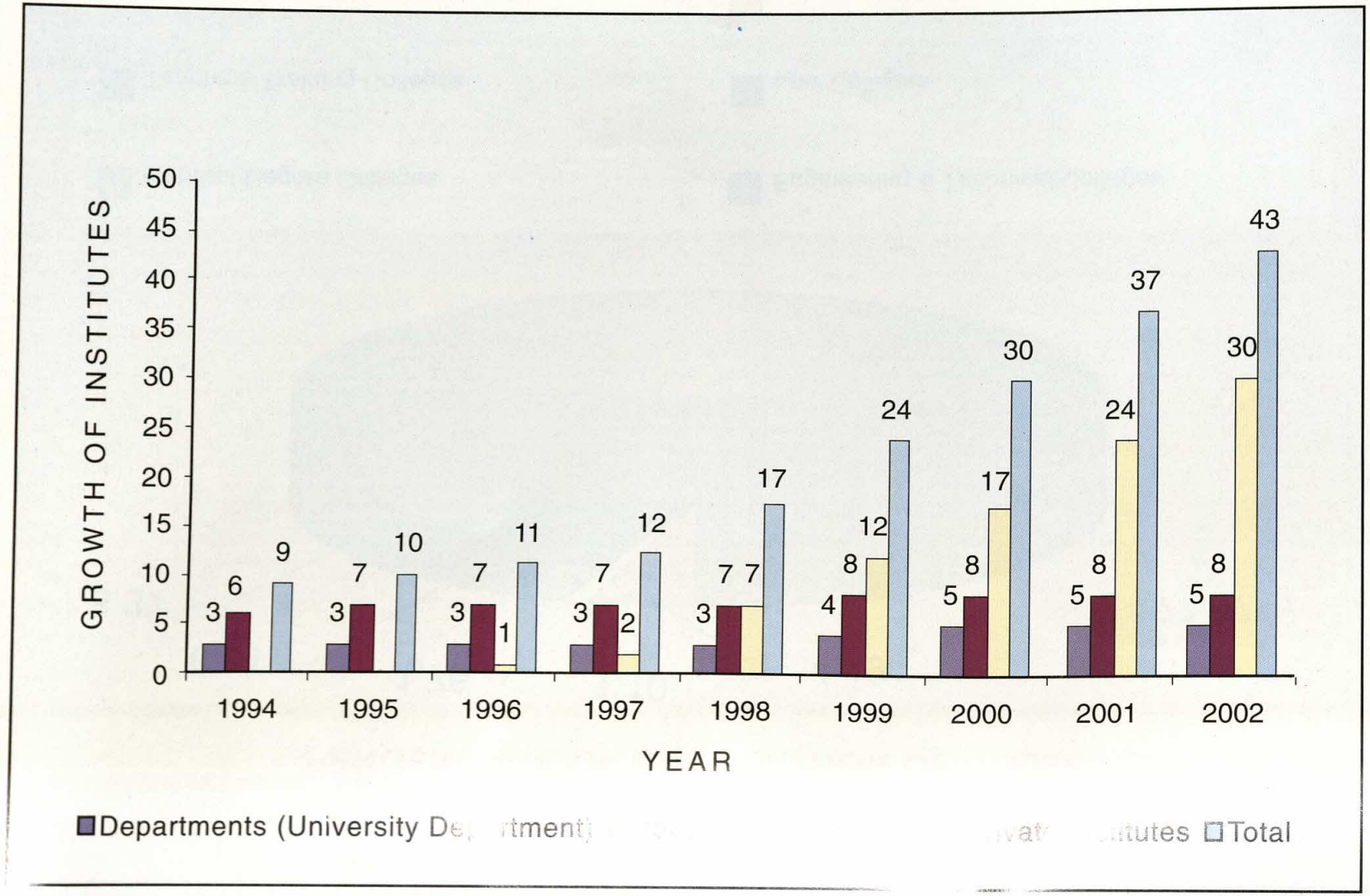
Category	1991-2002* Number	Percentage
General Degree Colleges	354	77.97
Engineering & Technological Colleges	38	8.37
Teachers' Training Colleges	30	6.61
Law Colleges	8	1.76
Art , Music & Home Science Colleges	5	1.10
Institute of English & Institute of Management	19	4.19
TOTAL	454	100

PERCENTAGE OF DISTRIBUTION OF COLLEGES

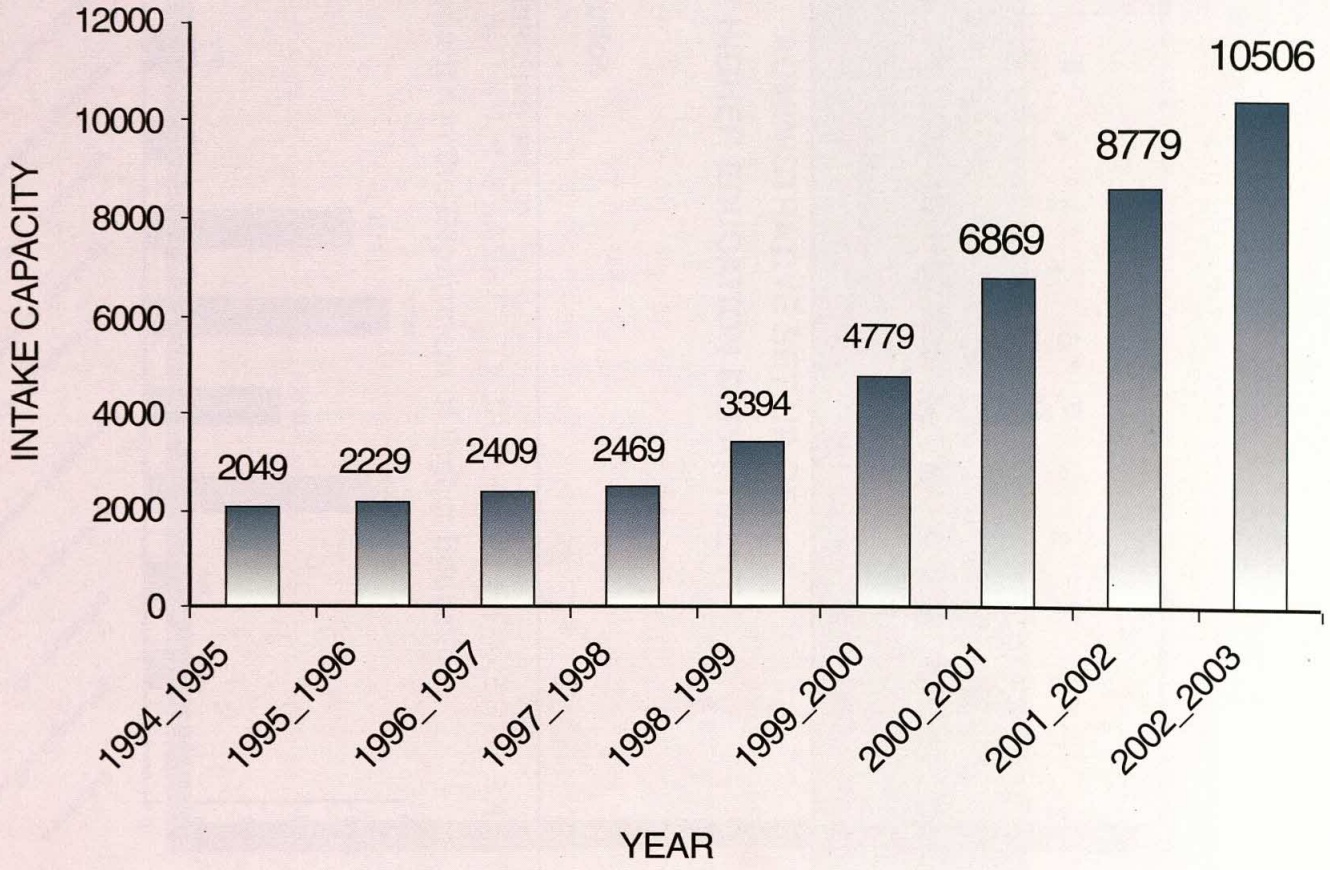


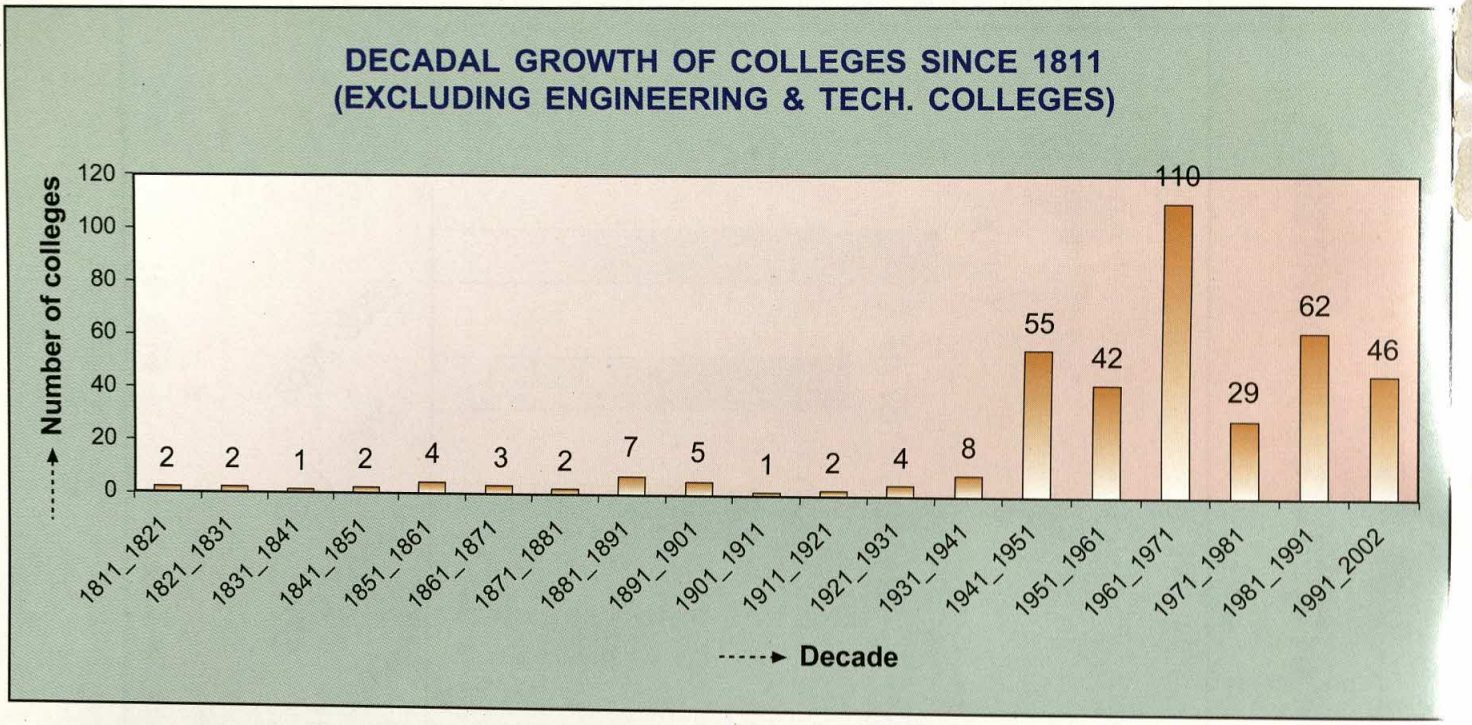
- General Degree Colleges
- Engineering & Technical Colleges
- Teachers Training Colleges
- Law Colleges
- Art, Music and Home Science Colleges
- Institute of English & Institute of Management

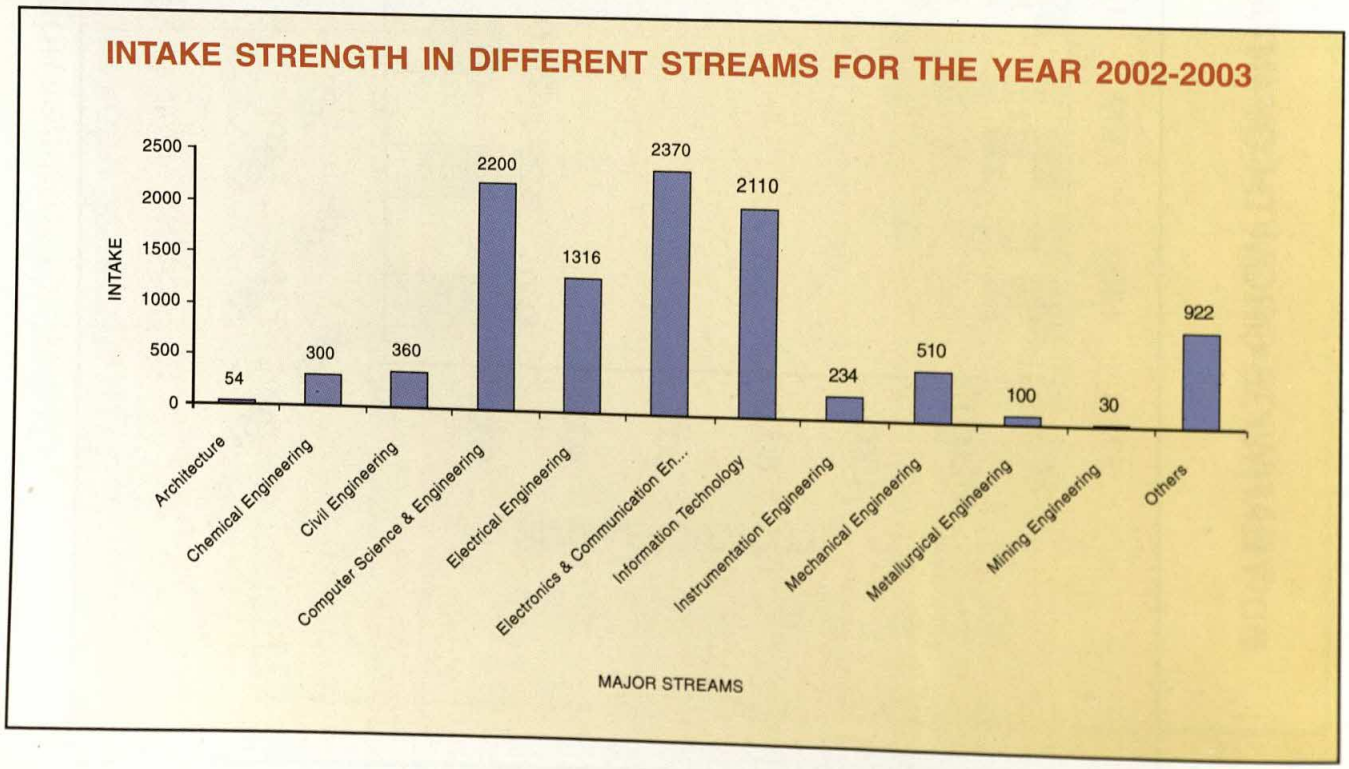
Growth of Engineering Colleges/Institutes and University Departments offering B.E/B.Tech Courses in the State of West Bengal



YEARWISE GROWTH OF INTAKE CAPACITY IN B.E/B.TECH COURSES




DECADAL GROWTH OF COLLEGES SINCE 1811
(EXCLUDING ENGINEERING & TECH. COLLEGES)
Number of colleges
120
100
80
60
40
20
0
2
2
1
2
4
3
2
7
5
1
2
4
8
55
42
110
29
62
46
1811_1821
1821_1831
1831_1841
1841_1851
1851_1861
1861_1871
1871_1881
1881_1891
1891_1901
1901_1911
1911_1921
1921_1931
1931_1941
1941_1951
1951_1961
1961_1971
1971_1981
1981_1991
1991_2002
Decade


INTAKE STRENGTH IN DIFFERENT STREAMS FOR THE YEAR 2002-2003
INTAKE
2500
2000
1500
1000
500
0
54
300
360
2200
1316
2370
2110
234
510
100
30
922
Architecture
Chemical Engineering
Civil Engineering
Computer Science & Engineering
Electrical Engineering
Electronics & Communication En...
Information Technology
Instrumentation Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering
Others
MAJOR STREAMS

CHAPTER – 2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 Introduction

2.2 Administrative set up

2.3 Functionaries in the Department of Higher Education

CHAPTER - 2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 INTRODUCTION

This report is being published for the 11th year in succession. It presents the status of higher education in the state of West Bengal. It describes in particular, the activities of the Department of Higher Education of the Government of West Bengal for the year 2002-2003. It also contains an account of the activities of different organisations and institutions attached to the Department of Higher Education as furnished by the organisations/institutions themselves. However, the report does not provide information on other departments concerned with education. The report does not have any relevance as a Government Order or official policy pronouncement.

PRESENT STATUS

The Higher Education Department is the successor to the erstwhile Department of Education. The Department of Mass Education Extension was carved out of the Department of Education to deal with, among other things, the subject of adult education, in terms of Notification No 5106-A.R. dated the 21st April, 1988. The Department of Technical Education & Training was similarly created in terms of Notification No 16129-A.R.dated the 29th June, 1991. The Polytechnic institutions which had so long functioned under the Higher Education wing of the erstwhile Education Department were taken over by the newly created department. Finally, the Education Department was abolished and in its place were created two departments, namely, the School Education Department and the Higher Education Department in terms of Notification No 670-Home (Cons) dated, the 8th Nov, 1995.

2.2 ADMINISTRATIVE SET UP

The highest executive of the Higher Education Department is the Minister-in-Charge of the Department.

The Principal Secretary is the official head of the Department of Higher Education. He is assisted by Special Secretaries, Joint Secretaries, Deputy Secretaries, Assistant Secretaries and Officers on Special Duty. The Principal Secretary also functions as the Secretary to the Chancellor of the State Universities connected with the Department.

ADMINISTRATIVE SET UP

The Department of Higher Education is comprised of a number of branches and cells, namely, Establishment Branch, Budget Branch, University Branch and Chancellor's Secretariat, Non-Govt. College Branch, Govt. College Branch, Appointment Branch, N.C.C. Branch, Technical Education Branch, Miscellaneous and Social Education Branch, Pension Cell, N. S. S. Cell, Vigilance Cell, Audit Cell and Computer Cell.

EDUCATION DIRECTORATE

The commitment of the Department of Higher Education in financial and administrative matters of the Colleges (Govt. and Non-Govt.) is carried out through the Education Directorate. The Directorate is headed by the Director of Public Instruction who is also an ex-officio Secretary to the Govt. of West Bengal.

The D.P.I. is assisted by Addl. Directors of Public Instruction (A.D.P.I) and Joint Directors of Public Instruction (J.D.P.Is). The sections of the Education Directorate which deal with various matters related to the Colleges include Appointment, College (Non-Govt. and Govt.), Pay Packet (PPS), U.G.C., Training, Accounts, Physical Education, Scholarships & Stipends, Planning & Statistics (P & S), Social Education, Hindi Education, National Cadet Corps (N.C.C) and Law. There are also some special cells under the Directorate, namely, Audit Cell, Law Cell, etc. The sectional activities are performed under the supervision of different JDPIs. There are Accounts and Administrative Officers who supervise functions like release of pay packet, grants, pension, drawal of salaries etc.

DISTRICT LEVEL ADMINISTRATION

There are three Regional Education Offices under the Education Directorate located in Calcutta, Chinsurah and Jalpaiguri, controlling Presidency, Burdwan and Jalpaiguri divisions respectively. Deputy Regional Education Officers (D.R.E.O.) are in charge of these three offices now. They have the status of an A.D.P.I. The D.R.E.O.s assist the D.P.I. in the supervision of the Non-Govt. Colleges. The D.R.E.O., Jalpaiguri also releases the pay packet for colleges in all the districts of Jalpaiguri division excepting Malda district.

DIRECTORATE OF TECHINICAL EDUCATION

The Higher Education Department exercises administrative and financial control over the engineering and technological colleges in this State through the Directorate of Technical Education which is headed by the Director of Technical Education (D.T.E.). The D.T.E. is assisted by a Joint Director of Technical Education, Deputy Directors of Technical Education, Assistant Directors of Technical Education and other staff members.

THE WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

It was established in 1994 with a view to assisting the Department in formulating policy and implementation of certain matters entrusted to it. The office bearers of Council have also been assigned certain statutory functions under the West Bengal Prohibition of Ragging in Educational Institutions Act, 2000.

WEST BENGAL COLLEGE SERVICE COMMISSION

The Commission came into existence in 1979. It prepares merit panels of candidates eligible for recruitment to the posts of Lecturer in different subjects in non-government colleges affiliated to the universities of West Bengal. It also recommend candidates for appointment in the vacant posts of Principal in these colleges. The Commission also organises State level Eligibility Test (SLET) for Lecturership in Universities and Colleges.

WEST BENGAL DISTRICT GAZETTEERS

This wing of the Department publishes or reprints the Gazetteers of different districts of West Bengal, the State Gazetteer and allied literature.

PASCHIM BANGA HINDI ACADEMY

This Academy has been promoting education in Hindi in West Bengal since 1990.

STATE ARCHIVES

It is a specialised wing of the Department of Higher Education functioning as a repository of historical official records.

OTHER ORGANISATIONS/INSTITUTIONS

The organisations/institutes, which come under the administrative and financial jurisdiction of the Department of Higher Education in this State, are:

(a) Universities including the B.E.College (Deemed University)

(b) Degree Colleges (including Engineering and Technological Degree Colleges, Management and Hotel Management but excluding Medical & Veterinary Colleges).

(c) Academic and research Institutes,

(d) State Book Board,

(e) Paschim Banga Hindi Academy,

(f) Day Students' Homes.

AUTONOMOUS/VOLUNTARY ORGANISATIONS

Various autonomous/voluntary organisations engaged in the promotion of science, arts and culture receive grants from the Department of Higher Education. An illustrative list of these organisations are:

(a)Academy of Fine Arts.
(b)Bangiya Bignan Parishad.
(c)Bangiya Sahitya Parishad.
(d)Bengal Bratachari Society.
(e)Centre for Studies in Social Sciences.
(f)Jagadish Bose National Science Talent Search.
(g)Indian Association for the Cultivation of Science.
(h) Indian School of Social Sciences.
(i) Institute of Historical Studies.
(j) Institute of Science, Education and Culture.
(k) Netaji Institute of Asian Studies.
(l) Paschim Banga Itihas Samsad,.
(m) R. K. Mission Institute of Culture.
(n) Socio-economic Research Institute.

2.3 FUNCTIONARIES IN THE DEPARTMENT OF HIGHER EDUCATION

Minister-In-Charge	Prof. Satyasadhan Chakraborty	2334-6181, PBX-2337-6730, 2321-7155 Ext. 3011, Fax-2337-3277
Confidential Assistant	Shri Sailen Das Sharma	
Private Secretary	Shri Amalesh Pathak	

DEPARTMENT OF HIGHER EDUCATION

Principal Secretary	Shri Jawhar Sircar, IAS	Overall charge of the Deptt.	2337-8573 PBX-2337-6730, 2321-7155 Ext. 3091 Fax-2358-7266 E.mail: pshe@wb.nic.in
Special Secretary	Shri K. Sathiavasan,IAS	NCC, NSS, Creation of teaching post in Non-Govt. Colleges, Technical Branch, All Universities excepting Technical University & B.E College (D.U)	2337-6564 (Direct) PBX-2337-6730 Ext. 3092

Joint Secretary	Vacant	Non-Govt. Colleges including Non-Govt. Trg Colleges, Protocol,Parliamentary and Assembly matters [Appointment Govt. Colleges, Govt. Branch, College (Trg.), Physical Education College, *]* These works will be assigned to new Jt. Secretary when he joins.	2337-6740 PBX-2337-6730 Ext. 3093
Joint Secretary	Shri C.R. Musib	Vigilance, Archives, SC/ST matters, Establishment, University of Technology & B.E. College (D.U), Establishment of D.P.I, State Editor's Office and Chancellor's Secretariat.	2337-6783 (Direct) PBX-2337-6730 Ext.-3008
Joint Secretary	Shri D. P. Nag	Budget, Social Education, Publication of Siksha Darpan, Miscellaneous, Audit, Public Grievance, P.A. Committee, Rabindra Rachanabali.	2337-6783 (Direct) PBX-2337-6730 Ext.3098
Joint Secretary	Vacant	Appointment Branch, Govt. Colleges including Govt. Training Colleges and Physical Education Colleges. These works are presently allotted to Shri D.K. Basu, Jt. Secretary.	2337-6779 (Direct) PBX-2337-6730 Ext. 3018
Deputy Secretary	Shri L. Hembram	Establishment Branch, matter regarding State Archives Branch, Rabindra Rachanabali Cell, Pension case of employees of this Deptt. and erstwhile B.E. College, Vigilance Cell, SC/ST matters.	2337-6730, 2321-7155 Ext. 3090
Deputy Secretary	Shri K. K. Chakraborty	Non-Govt. Colleges including Non-Govt. Trg Colleges, NCC, NSS.	2337-6730, Ext. 3023
Deputy Secretary	Shri M. Biswas.	University Branch, Chancellor's Secretariat, IT, IT Education in General Degree Colleges, Computer Cell, Technical Branch.	2334-2605 (Direct) 2337-6730, 2334-0597, Ext. 3094 e-mail : hiedu@vsnl.net
State Liason Officer & Ex-officio Jt. Secretary	Dr. S. Sen	National Social Service Scheme	2337-6730, Ext. 3024

ADMINISTRATIVE SET UP

Assistant Secretary	Sm. M. Shyam Roy	Work not yet allotted	2337-6730 Ext. 3065
Assistant Secretary	Shri A.K.Maity	All matters relating to the Govt. Colleges excluding the works of C.G. Branch, Establishment of the D.P.I. & State Editor.	2337-6730 Ext. 3078
Assistant Secretary	Shri T. K. Biswas	C. G. Branch, Social Education Branch, Budget and Establishment (Part).	2337-6730 Ext. 3066
Assistant Secretary	Shri A.S. Gupta	Parliamentary/ Assembly, Protocol, University.	2337-6730, Ext. 3072
Assistant Secretary	Shri B. Das	Non-Govt. Colleges including Non-Govt. Trg. Colleges.	2337-6730, Ext. 3064
Registrar	Shri Kapil Ahmad	Establishment	2337-6730 Ext. 3068
O.S.D.	Shri M.Mohan Mondal	Work not yet allotted	2337-6730, Ext. 3043
O.S.D.	Sm. Ratna Mukherjee	Chancellor's Secretariat	2337-6730, Ext. 3073
O.S.D.		Law Cell	
OSD	Smt. K. Roy	NSS & Vigilance	
Accounts Officer	Shri. A.K. Sarkar	Audit - PAC matters	2337-6730 Ext. 3074

EDUCATION DIRECTORATE

Director of Public Instruction & Ex-Officio Education Secretary	Dr. Pijush Kanti Ganguly	Overall charge of the Directorate	2337-8269, 3096
Additional D. P. I. (Administration)	Dr. Subha Sankar Sarkar	Govt. Colleges; Administration of the Directorate	2334-3980, 3263
Joint D.P.I. (Planning & Statistics)	Shri Gunendranath Majumdar	Some general matters of Non-Govt. Colleges; Non-salary grants; Pay packet of professional colleges	3262

Joint D. P. I. (NGC)	Dr. Prabir Kr. Das	Service matters of some Non-Govt. colleges; D.D.O	3151
Joint D. P. I. (NGC)	Dr. Jibendu Kumar Ray	Service matters of some Non-Govt. colleges	3150
Joint D. P. I. (UGC)	Dr. Dilip Kr. Sarkar	Service matters of some Non-Govt. colleges	3153
Joint D. P. I. (UGC) & Law Officer	Dr. Ram Narayan Mukhopadhyay	Service matters of some Non-Govt. colleges; Law affairs	2334-3004, 3274
Joint D. P. I. (UGC)	Shri Tushar Kanti Ghara	Service matters of some Non-Govt. colleges	3154
Joint D. P. I. (Pay Packet Section)	Shri Mrinal Kanti Dutta	Pay Packet of some Non-Govt. colleges	3261
Joint D. P. I. (Stipend & Scholarship)	Dr. Sagarlal Ray	Stipend ; Scholarship; Pay Packet of some Non-Govt. colleges	3147
Joint D. P. I. (Training)	Dr. Pranab Krishna Choudhury	Training Colleges, Physical Education	3148
Joint D. P. I. (Hindi)	Smt. Alakananda Bhattacharya	Hindi Education; Hindi Academy	
Dy. D. P. I. (NCC)	Shri. Subrata Ghosh	NCC matters; and management of NCC Club House, Kolkata Maidan.	3157
A. D. P. I. (Physical Education)	Vacant		
A. D. P I. (Statistics)	Vacant.		
D.R.E.O. (Presidency Division) D.P.I	Shri Jayanta Joy Chattopadhyay	Supervision of some Non-Govt. colleges	3161
D.R.E.O. (Burdwan) D.P.I	Dr. Ashis Mukherjee	Supervision of some Non-Govt. colleges	680-5188
D.R.E.O. (Jalpaiguri) & Ex-officio Joint D.D. P. I.	Shri Krishna Deb Goswami	Supervision of some Non-Govt. colleges; Pay Packet of some Non-Govt. colleges	(03561) 30281

ADMINISTRATIVE OFFICER

P. A. To D.P.I.			3158
Shri Hirak Mukherjee			3159
Accounts Officer	Shri Gautam Dey		3160
Accounts Officer	Shri Braja Gopal Chowdhury		
Accounts Officer	Vacant		
Accounts Officer	Smt. Indrani Roy Sarkar		
Accounts Officer	Smt. Banani Deb		
Accounts Officer (Internal Audit Cell)	Shri Kalyan Kumar Nandi		
Accounts Officer (Internal Audit Cell)	Shri Malay Kumar Biswas		
Accounts Officer (Internal Audit Cell)	Shri Sisir Ranjan Palit		

DIRECTORATE OF TECHNICAL EDUCATION

Director of Technical Education	Dr. A. Basu (Officiating as Director)	All matters pertaining to Higher Education in the State.	2334-7077 2321-2608 FAX : 2334-7077
Jt. Director	Dr. A. Basu	Engg. & Technology Colleges Establishment & Law matters and attendance	2334-7075 2337-6730 Ext. 3225
Officer-on-Special Duty	Shri P. K. Das	Government & Private Engg. Colleges	2337-6730 Ext. 3217
Deputy Director of Technical Education	Shri P. Das	Private Engg. & Technological Colleges, Statistics, Data Processing through Computer, AICTE matters, Publication, R E. College matters and inspection	2337-6730 Ext. 3213
Assistant Director of Technical Education	Dr. B. Chatterjee	Technology Colleges, Law matters and attendance	2337-6730 Ext. 3213

Assistant Director of Technical Education	Shri M. Deb	Private Management Institutions. different correspondences with Government and external agencies(except AICTE). movement of Department files. Miscellaneous matters of DTE and inspection	2337-6730 Ext. 3214
Asstt. Director (Accounts)	Shri A.K. Das	Budget, Accounts and Financial Matters, Drawing & Disbursing officer.	2337-6730 Ext. 3220
P.A. to DTE	Vacaant	Establishment (Leave, Pension, etc.)	2337-6730 Ext. 3214
Administrative Officer	Shri M. N. Dutta	Overall charge of the Office	

WEST BENGAL DISTRICT GAZETTEERS

State Editor	Shri K. Sathiavasan, IAS	Overall charge of the office	2334-5400 2337-6730 Ext. 3183
Deputy State Editor	Shri S. P. Mukherjee	Establishment Branch	2337-6730 Ext.3176
Asstt. Editor	Shri B.R.Chakraborty	D.D.O.	2334-7714
Asstt. Editor (2 posts)	Vacant		

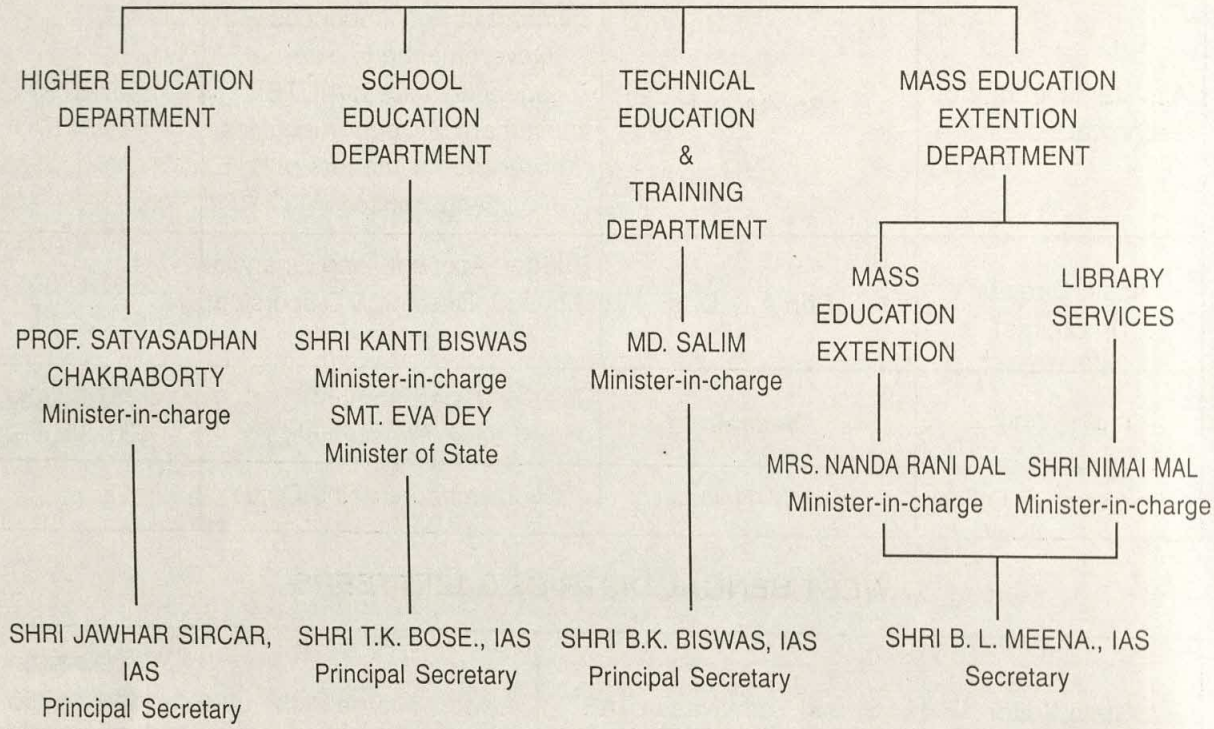
WEST BENGAL STATE ARCHIVES

Director	Dr. Pranab Kr. Chatterjee	Overall charge of the office	2241-3966
Deputy Director	Shri Kalidas Banerjee	Establishment	2214-5600 Ext. 4022
Assistant Director	Dr. Udayan Mitra	New functional building	281-0661
Assistant Director	Smt. Aradhana Ghosh	Historical Section	2241-1044
Chief Archivist	Smt. S. Guha Thakurata	Current Section	-
Chief Archivist	Sri Dilip Kr. Mukherjee	Historical Section	-

S.C.E.R.T. West Bengal Library

ADMINISTRATIVE SET UP

EDUCATION IN GOVERNMENT OF WEST BENGAL



ADMINISTRATIVE MANAGEMENT

DEPARTMENT OF HIGHER EDUCATION

PRINCIPAL SECRETARY

SPECIAL SECRETARY

JOINT SECRETARIES

DEPUTY SECRETARIES

ASSISTANT SECRETARIES

OFFICER ON SPECIAL DUTY

SECTION OFFICER/HEAD ASSTT.

ASSISTANT

EDUCATION DIRECTORATE

DIRECTOR OF PUBLIC INSTRUCTION (DPI) & EX-OFFICIO SECRETARY

ADDITIONAL DIRECTORS

JOINT DIRECTORS

DEPUTY REGIONAL EDUCATION OFFICERS

ADMINISTRATIVE OFFICER | ACCOUNTS OFFICERS | P.A. TO DPI

HEAD ASSISTANTS

DIRECTORATE OF TECHNICAL EDUCATION

DIRECTOR

ADDITIONAL DIRECTOR

JOINT DIRECTORS

DEPUTY DIRECTORS
ASSISTANT DIRECTORS
ACCOUNTS OFFICER
AUDIT OFFICER
P.A. TO D.T.E.

HEAD ASSISTANTS AND SECTION-IN-CHARGE

WEST BENGAL DISTRICT GAZETTEERS

STATE EDITOR

DEPUTY STATE EDITOR

ASSISTANT EDITORS

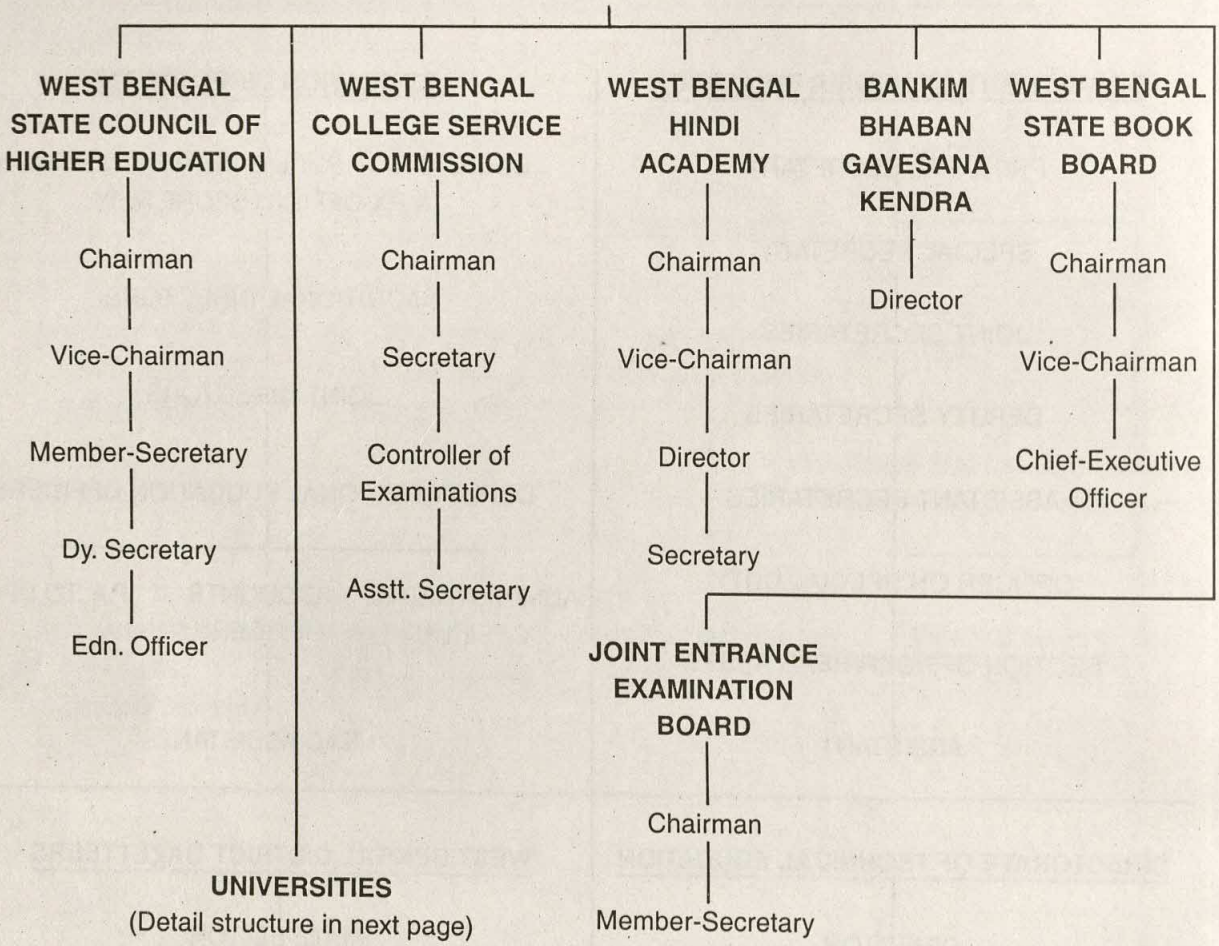
RESEARCH OFFICERS

RESEARCH ASSISTANTS | PUBLICATION ASSISTANT | OFFICE SUPERINTENDANT

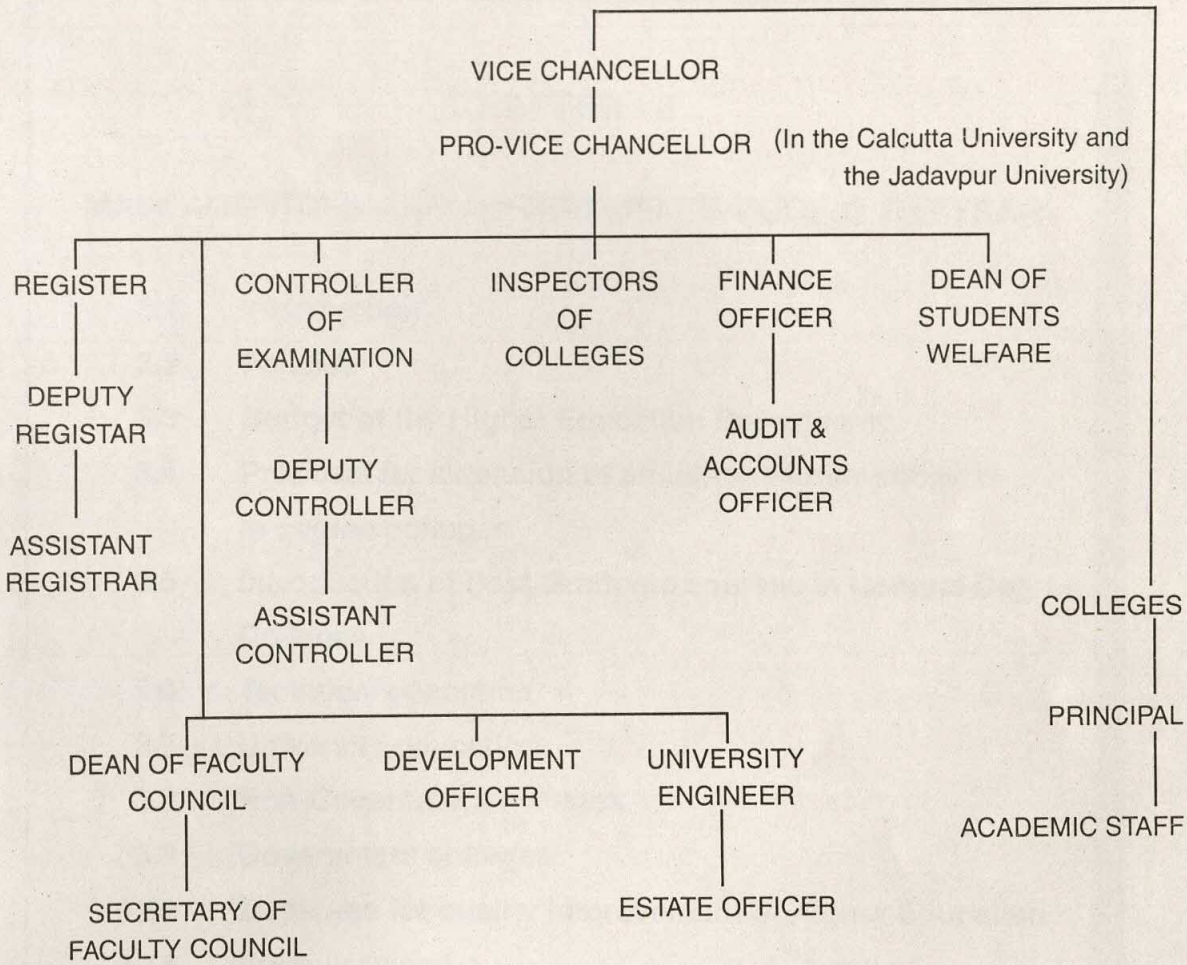
HEAD CLERK

ADMINISTRATIVE SET UP

ORGANISATIONS ASSOCIATED WITH THE DEPARTMENT OF HIGHER EDUCATION



UNIVERSITY


VICE CHANCELLOR
PRO-VICE CHANCELLOR
(In the Calcutta University and the Jadavpur University)
REGISTER
DEPUTY REGISTAR
ASSISTANT REGISTRAR
CONTROLLER OF EXAMINATION
DEPUTY CONTROLLER
ASSISTANT CONTROLLER
INSPECTORS OF COLLEGES
FINANCE OFFICER
AUDIT & ACCOUNTS OFFICER
DEAN OF STUDENTS WELFARE
COLLEGES
PRINCIPAL
ACADEMIC STAFF
DEAN OF FACULTY COUNCIL
SECRETARY OF FACULTY COUNCIL
DEVELOPMENT OFFICER
UNIVERSITY ENGINEER
ESTATE OFFICER

CHAPTER - 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

3.1 Introduction

3.2 Policies

3.3 Budget of the Higher Education Department

3.4 Proposal for extension of affiliation to new subjects in degree colleges

3.5 Introduction of Post Graduate courses in General Degree Colleges

3.6 Technical education

3.7 University education

3.8 Non-Government colleges

3.9 Government colleges

3.10 Measures for quality improvement of Higher Education

3.11 State Archives

3.12 District Gazetteers

3.13 West Bengal State Council of Higher Education

3.14 West Bengal College Service Commission

3.15 Autonomous and Voluntary Organisations

3.16 Scholarship and Stipend

3.17 Physical Education

3.18 National Cadet Corps

CHAPTER - 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

3.1 INTRODUCTION

Among the noteworthy events of the year are the setting up of two centres of excellence, one for Social Sciences & the other for Bio-technology. Post graduate courses have been introduced in two more non- Government colleges and in one Govt. College (Chandernagar Govt. College). The State Government sanctioned the creation of new departments and the strengthening of certain existing departments in the State-aided universities, either on its own or in conjunction with the UGC. It also approved the construction, repair and renovation of buildings in the universities. The Government, as in previous years, sanctioned the creation of in teaching and non-teaching posts a few non-government colleges and provided funds for construction of buildings in order to enable them to introduce new subjects or generally improve their functioning. The West Bengal State Council of Higher Education took an active role in coordinating activities of the state universities and advised them on various issues relating to improvement in the quality of Higher Education in the State.

3.2 POLICIES

The following principles have guided the formulation and implementation of different programmes for higher education.

(i) Expansion of access to higher education and decentralisation of power-base.

(ii) Equity in educational opportunity and social justice.

(iii) Consolidation and qualitative improvement of colleges and expanding the base of social relevance of higher education.

(iv) Linkage of education to employment through vocationalization.

(v) Emphasis on engineering and technological education with special reference to Information Technology and Bio-Technology.

(vi) Diversification of subject compositions.

(vii) Emphasis on Basic Science courses and scientific research.

(viii) Emphasis at the same time on arts, culture, languages, physical education and humanistic values.

(ix) Mobilisation of internal resources.

(x) Accountability at all levels.

3.3 BUDGET OF THE HIGHER EDUCATION DEPARTMENT

The total budgetary provision for the year 2002-2003 was Rs. 6,77,25,92,000, out of which the amount provided in the Plan Budget was Rs.25,86,32,000.

TABLE 1 : BUDGET ESTIMATE (2002-2003) OF THE DEPARTMENT OF HIGHER EDUCATION AT A GLANCE

Budget Heads	Amount Rupees	
	Non-Plan 2002-2003	**State Plan** 2002-2003
Assistance to Universities	2,16,11,56,000	4,55,00,000
Government Colleges and Institutes	67,36,81,000	4,70,00,000
Assistance to Non-Government Colleges	3,07,65,60,000	2,00,00,000
Institutes of Higher Learning and Other Expenditure	3,67,35,000	2,96,82,000
Promotion of Modern Indian Languages	21,92,000	84,50,000
Research, Scholarship, etc	8,20,40,000	31,00,000
Technical Education	29,75,64,000	7,74,50,000
Physical Education, N.C.C &Youth Welfare	15,71,67,000	61,50,000
Promotion of Art & Culture	2,09,09,000	2,13,00,000
Surveys & Statistics-Gazetteer & Statistical Memories-3454-02-110-NP-002	59,56,000	–
TOTAL	6,51,39,60,000	25,86,32,000
GRAND TOTAL (Non-Plan + Plan) 6,77,25,92,000		

TABLE 1(A) : STATEMENT OF ANNUAL PLAN ALLOCATION FOR 2001-2002 AND EXPENDITURE INCURRED DURING 2001-2002

Rs. in lakhs

Head of Development	Outlay for **2000-2001**	Revised Outlay for **2000-2001**	Actual expenditure during **2000-2001** (Departmental)
1. Higher Education Department	-	-	-
2. Social Services Education, Sports and Youth Services, Arts & Culture			
i) General Education	1530.00	1730.00	1484.71
ii) Sports & Youth Services	80.50	80.50	62.64
iii) Arts & Culture	223.00	223.00	214.36
iv) Technical Education	746.50	746.50	725.65
Total Higher Education :	**2580.00**	**2780.00**	**2487.36**

TABLE 2 : TOTAL BUDGET ESTIMATE OF THE DEPARTMENT OF HIGHER EDUCATION THROUGH THE YEARS

YEAR	AMOUNT IN RUPEES	AMOUNT IN RUPEES
	NON-PLAN	STATE PLAN
1995-96	293,28,21,000	23,00,00,000
1996-97	325,56,64,000	26,05,00,000
1997-98	363,71,16,000	35,00,00,000
1998-99	377,69,68,000	33,50,00,000 + 5,00,00,000 (loan)
1999-2000	457,79,78,000	33,00,00,000 + 10,00,00,000 (Loan from I.D.F.C.)
2000-2001	502,81,77,000	23,45,50,000 plus 21 crores by way of grant to local bodies Zilla Parishad for higher education
2001-2002	5,79,07,45,000	25,80,00,000 + 23.10 crores by way of grant to local bodies/Zilla Parishad for higher education
2002-2003	6,51,39,60,000	25,86,32,000

TABLE 3 : BUDGETARY POSITION OF HIGHER EDUCATION DEPARTMENT WITH REFERENCE TO THE TOTAL STATE BUDGET AND THE BUDGET FOR EDUCATION SINCE 1995-1996

(Rupees in crores)

YEAR	TOTAL STATE BUDGET	TOTAL B.E.ON EDUCATION	% OF B.E ON EDUCATION WITH RESPECT TO STATE BUDGET	TOTAL B.E. FOR HIGHER EDUCATION	%OF B.E. OF HIGHER EDUCATION WITH REFERENCE TO B.E. ON EDUCATION	REMARKS
1995-96	11000.92	2293.24	20.84%	316.28	13.80%	
1996-97	12814.80	2373.45	18.52%	351.62	14.81%	
1997-98	14916.03	2647.65	17.75%	398.74	15%	
1998-99	16560.44	2926.56	17.67%	416.20	14.22%	
1999-2000	25034.42	5003.64	19.99%	500.80	10.01%	
2000-2001	24481.95	3704.58	15.13%	526.27	14.21%	
2001-2002	29238.96	4339.28	14.84%	604.87	13.94%	
2002-2003	30928.75	4770.31	15.42%	677.26	14.20%	

PATTERN OF TOTAL BUDGET ESTIMATE FOR EDUCATION AND TOTAL BUDGET ESTIMATE FOR HIGHER EDUCATION

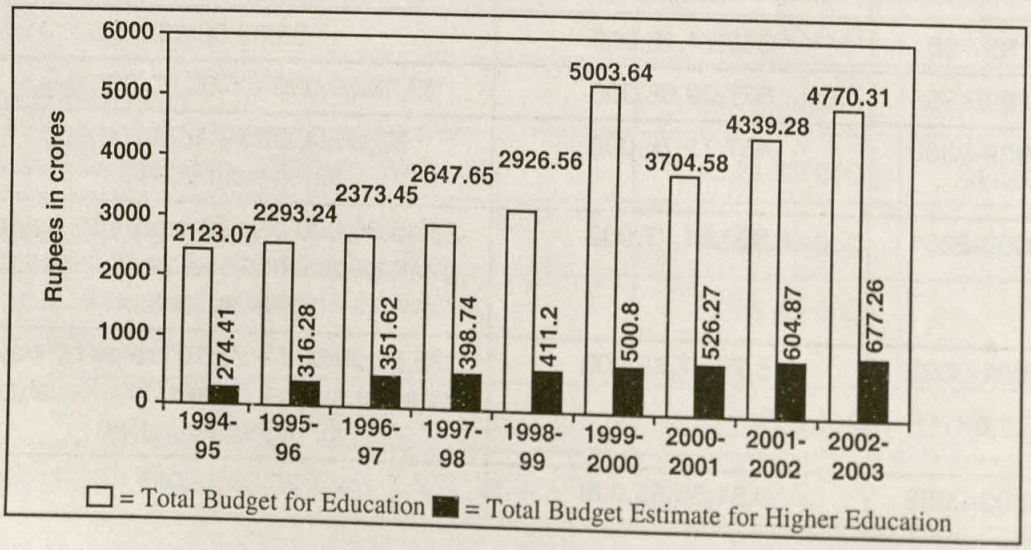


TABLE : 4 : BUDGETARY ALLOCATION FOR EDUCATION WITH REFERENCE TO THE STATE BUDGET AND THE BUDGET FOR HIGHER EDUCATION WITH REF. TO EDUCATION 2002-2003

(Rs in crores)

Items	Total State Budget for West Bengal	Total Budget for Education	% of Budget Provision on Education with reference to State Budget	Total Budget for Higher Education	% of Budget Provision of Higher Education Department with reference to Budget on Education	Remarks
1	2	3	4	5	6	7
Plan Schemes	6937.81	289.53	4.17%	25.86	8.93%	
Non Plan Scheme	23990.94	4480.78	18.68%	651.40	14.54%	
Grand Total	30928.75	4770.31	15.42%	677.26	14.20%	

3. 4A. PROPOSAL FOR EXTENSION OF AFFILIATION OF NEW SUBJECTS NON-GOVT. GENERAL DEGREE COLLEGES

CALCUTTA UNIVERSITY

DISTRICT : CALCUTTA

Sl. No.	COLLEGE	PROPOSED SUBJECT
1.	Acharya Jagadish Chandra Bose College	Botany (Pass), Economics (Pass), Physiology (Pass), Statistics (Pass), Zoology (Pass)
2.	Ananda Mohan College (1961)	Physics (Hons.)
3.	Basanti Devi College	Physics (Hons.)
4.	Calcutta Girls' College	Bengali (Hons.), Economics (Hons.), Education (Hons.), Political Science (Hons.)
5.	Charu Chandra College	Accountancy (H)
6.	Deshbandhu College for Girls	Accountancy (Pass), History (Hons), Mathematics (Pass)

Sl. No.	COLLEGE	PROPOSED SUBJECT
7.	Gokhale Memorial Girls College	Bengali (Hons.), Hindi (Hons.), Philosophy (Hons)
8.	Gurudas College (Day & Morning)	Accountancy (H), Microbiology (Pass), Statistics (Pass)
9.	Heramba Chandra College (1961)	Geography (Hons.)
10.	Jogesh Chandra Chaudhuri College	Botany (Pass), Physiology (Pass), Sociology (Pass), Zoology (Pass)
11.	Jogmaya Devi College	Psychology (Hons.)
12.	Khudiram Bose Central College(1956)	English (Hons.)
13.	Kidderpore College	Economics (Hons.), English (Hons.),Islamic History & Culture (Pass)
14.	Loreto College, Kolkata	Accountancy (Pass)
15.	Milli Al-Ameen College	Accountancy (Pass), Geography (Pass)
16.	Muralidhar Girls' College	Geography (Hons.)
17.	Netajinagar College (Evening)	Geography (Hons.)
18.	Netajinagar Day College (1986)	Computer Science (Hons.)
19.	Prafulla Chandra College (Evening)	Mathematics (Pass)
20.	Scottish Church College (1830)	Education (Pass), Microbiology (Hons.)
21.	Shri Sikshayatan College	Botany (Hons.), Chemistry (Pass), Zoology (Pass)
22.	Surendranath Evening College (1942)	Elective English (Pass), Elective Hindi (Pass), Elective Urdu (Pass)

DISTRICT : NORTH 24 – PARGANAS

1.	Barrackpore Rastraguru Surendranath College	Zoology (Pass)
2.	Derozio Memorial College	Botany (Pass), Electronics (Pass), English (Hons.) History (Hons), Journalism (Pass) Mathematics (Hons.), Zoology (Pass)
3.	Dum Dum Motijheel College (Morning)	Geography (Pass), Journalism (Pass), Sociology (Pass)
4.	East Calcutta Girls College (1992)	English (Hons.), Zoology (Hons.)

Sl. No.	COLLEGE	PROPOSED SUBJECT
5.	Hiralal Mazumdar Memorial College for Women	Geography (Hons.), Journalism (Pass)
6.	Mahadevananda Mahavidyalaya	Geography (Pass), Journalism (Pass)
7.	Mrinalini Dutta Mahavidyapith	Botany (Pass), Geography (Hons.), Sociology (Hons.)
8.	Nahata Jogendranath M Smriti Mahavidyalaya	Business Management (Hons), Defence Studies (Pass), Education (Hons.), Geography (Pass), Political Science (Hons.)
9.	Netaji Satabarshiki Mahavidyalaya	Geography (Pass)
10.	P.N. Das College (1962)	Political Science (Hons.)
11.	R. K. Sarada M Vivekananda Vidyabhavan	Economics (Hons.)
12.	Rishi Bankim Chandra Evening College	Bengali (Hons.), English (Hons.), Geography (Pass)

DISTRICT : SOUTH 24- PARGANAS

1.	Baruipur College (1981)	Geography (Hons.), Journalism (Pass)
2.	Basirhat College (1947)	Philosophy (Hons.)
3.	K. K. Das College of Commerce	Bengali (Hons.), English (Hons.), Mathematics (Hons.)
4.	Kishore Bharati Bhagini Nivedita Girls' College	Bengali (Hons.), Chemistry (Pass), History (Hons), Physiology (Pass), Political Science (Hons.), Zoology (Pass)
5.	Maheshtala College	Botany (Pass), Geography (Hons.), Philosophy (Hons.), Zoology (Pass)
6.	Patharpratima Mahavidyalaya	Bengali (Hons.), History (Hons)
7.	Raidighi College	English (Hons.), Geography (Hons.)
8.	Sagar Mahavidyalaya	Geography (Hons.)
9.	Sammilani Mahavidyalaya	Accountancy (Hons.), Bengali (Hons.), English (Hons.)
10.	Sarsuna Mahavidyalaya	Botany (Pass), Computer Science (Hons.), English (Hons.), Geography (Hons.), History (Hons), Political Science (Hons.), Zoology (Pass)

Sl. No.	COLLEGE	PROPOSED SUBJECT
11.	Sundarban Mahavidyalaya	Economics (Hons.), Education (Pass), Philosophy (Hons.)
12.	Susil Kar College	Economics (Hons.), English (Hons.), Mathematics (Pass), Philosophy (Hons.)
13.	Vidyanagar College	Elective English (Pass), History (Hons.), Mathematics (Hons.)
14.	Vijaygarh Jyotish Roy College (1950)	Journalism (Pass), Physiology (Pass)
15.	Vivekananda College	Electronics (Pass), Statistics (Pass)
16.	Vivekananda College for Women (1961)	Economics (Hons.), Education (Pass), Sociology (Pass)

DISTRICT: HOWRAH

1.	Bijoy Krishna Girls' College	Microbiology (Hons.)
2.	Dr. Kanai Lal Bhattacharya College	Geography (Pass)
3.	Joypur Panchanan Roy College	Bengali (Hons.), English (Hons.)
4.	Prabhu Jagatbandhu College	Computer Science (Pass), Electronics (Pass)
5.	Ramkrishna Mission Vidyamandir(1941)	Computer Science (Pass)
6.	Ramsaday College(1946)	Botany (Pass), Zoology (Pass)
7.	Shyampur Siddeswari Mahavidyalaya (1964)	Elective English (Pass), Mathematics (Hons.), Philosophy (Hons.)

DISTRICT : HOOGHLY

1.	Bidhan Chandra College	Computer Science (Pass), Electronics (Pass), Philosophy (Hons.)
2.	Nabagram Hiralal Pal College (1957)	Chemistry (Hons.), Economics (Hons.), English (Hons.), Mathematics (Hons.), Physics (Hons.)
3.	Raja Peary Mohan College (1881)	History (Hons.), Microbiology (Hons.), Political Science (Pass)
4.	Serampore Girls College (1981)	Botany (Pass), Chemistry (Pass), Geography (Hons.), Political Science (Hons.), Zoology (Pass)

BURDWAN UNIVERSITY

DISTRICT : BURDWAN

Sl. No.	COLLEGE	PROPOSED SUBJECT
1.	Bidhan Chandra College, Burdwan	Botany (Pass), Zoology (Pass)
2.	Chandrapur College	Geography (Hons.)
3.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya	Botany (Pass), Zoology (Pass)
4.	Dr.Gour Mohan Roy College(1986)	History (Hons.)
5.	Durgapur Women's College(1980)	Mathematics (Hons.)
6.	Guskara Mahavidyalaya	Electronics (Pass), Mathematics (Hons.)
7.	Khandra College (1982)	Political Science (Hons.)
8.	Kulti College (1986)	Microbiology (Pass)
9.	Mankar College	Computer Science (Hons.)
10.	Michael Madhusudan Memorial College	Bengali (Hons.), Computer Science (Hons.), Electronics (Pass),

DISTRICT : HOOGHLY

1.	Kabi Sukanta Mahavidyalaya	Computer Science (Pass), Statistics (Pass)
2.	Khalisani Mahavidyalaya (1970)	Economics (Hons.), English (Hons.), Mathematics (Hons.), Philosophy (Hons.)
3.	Rabindra Mahavidyalaya	Microbiology(Pass)
4.	Sreegopal Banerjee College (Day)	Mathematics (Hons.)
5.	Sri Ramkrishna Sarada Vidyamahapith (1959)	Philosophy (Hons.), Political Science (Hons.)
6.	Vivekananda Mahavidyalaya (Day)	Computer Science (Hons.)

DISTRICT : BIRBHUM

1.	Abhedananda Mahavidyalaya	Zoology (Hons.)
2.	Birbhum Mahavidyalaya	Philosophy (Hons.), Sociology (Pass)
3.	Chandidas Mahavidyalaya	Geography (Pass)
4.	Hiralal Bhakat College	Political Science (Hons.)
5.	Rampurhat College	Economics (Hons.), Zoology (Hons.)

Sl. No.	COLLEGE	PROPOSED SUBJECT
6.	Sailajananda Falgoni Samiti Mahavidyalaya	Bengali (Hons.)
7.	Suri Vidyasagar College (1942)	Sociology (Pass)

DISTRICT : BANKURA

1.	Barjora College	Political Science (Hons.)
2.	Khatra Adibasi Mahavidyalayay	Chemistry (Pass), Mathematics (Pass), Physics (Pass)
3.	Panchmura Mahavidyalaya (1965)	Sanskrit (Hons.)
4.	Sonamukhi College (1966)	Economics (Hons.)

DISTRICT : PURULIA

1.	Balarampur College	Political Science (Hons.)
2.	J. K. College (1948)	Microbiology (Hons.), Sanskrit (Hons.)
3.	Mahatma Gandhi College (1981)	English (Hons.)
4.	Manbhum Mahavidyalaya (1986)	Economics (Hons.)
5.	Nistarini College (1957) (W)	Botany (Hons.), Computer Science (Pass)

VIDYASAGAR UNIVERSITY

DISTRICT : MIDANAPORE

1.	Bajkul Miloni Mahavidyalaya (1964)	Economics (Hons.), Sanskrit (Hons.)
2.	Belda College	Geography (Hons.)
3.	Bhattar College (1963)	Geography (Pass)
4.	Chandrakona Vidyasagar Mahavidyalaya (1985)	Geography (Pass), Physical Education (Pass)
5.	Ghatal Rabindra Satabarsiki Mahavidyalaya	Accountancy (Hons.), Chemistry (Hons.), Computer Science (Pass), Mathematics (Hons.), Physics (Hons.)
6.	Hijili College	Bengali (Hons.)
7.	Kaibalyadayini College of Commerce (1961)	Economics (Hons.)
8.	Khejuri College, Baratala	Geography (Hons.)

Sl. No.	COLLEGE	PROPOSED SUBJECT
9.	Mahisadal Girl's College (1969)	Anthropology (Pass), Physical Education (Pass), Sanskrit (Hons.)
10.	Narajole Raj College (1966)	Botany (Hons.)
11.	Panskura Banamali College (1961)	Botany (Hons.), Physiology (Hons.)
12.	Pingla Thana Mahavidyalaya	Geography (Hons.), Physiology (Pass)
13.	Raja Narendra Lal Khan Women's College	Chemistry (Hons.)
14.	Ramnagar College (1972)	English (Hons.), Physics (Hons.), Sanskrit (Hons.)
15.	Seva Bharati Mahavidyalaya (1964)	Botany (Pass)
16.	Vivekananda Mission Mahavidyalaya	Bengali (Pass)
17.	Vivekananda Satabarshiki Mahavidyalaya	Philosophy (Hons.)

KALYANI UNIVERSITY
DISTRICT : NADIA

1.	B.R.Ambedkar College (1973)	Economics (Hons.), English (Hons.), Geography (Pass), Mathematics (Pass), Philosophy (Hons.), Political Science (Hons.)
2.	Chapra Bengaljhi Manavidyalaya	Bengali (Pass)
3.	Haringhata Mahavidyalaya	Geography (Pass)
4.	Karimpur Pannadevi Mahavidyalaya (1968)	Sociology (Hons.)
5.	Sri Krishna College	Geography (Pass)

DISTRICT : MURSHIDABAD

1.	Dukhulal Nibaran Chandra College	History (Hons.), Philosophy (Hons.)
2.	Dumkal College	Computer Science (Hons.), Economics (Pass), Electronics (Hons.), History (Hons.)
3.	Krishnath College (1858)	Computer Science (Hons.)
4.	Nagar College	Chemistry (Pass), Mathematics (Pass), Physics(Pass),
5.	Raja Birendra Chandra College of Commerce	Economics (Pass), History (Pass), Political Science(Pass)

Sl. No.	COLLEGE	PROPOSED SUBJECT
6.	Rani Dhanya Kumari College (1962)	Bengali (Hons.), Physical Education (Pass)
7.	Subhas Chandra Bose Centenary College	Education (Pass), Geography (Pass)
8.	Prof. Syed Narul Hasan College	Geography (Hons.)

UNIVERSITY OF NORTH BENGAL

DISTRICT : DARJEELING

1.	St. Joseph College	Computer Science (Pass), History (Hons.), Physics (Hons.)

DISTRICT : JALPAIGURI

1.	Parimal Mitra Smriti Mahavidyalaya	Accountancy (Hons.), Nepali (Pass)

DISTRICT : COOCHBEHAR

1.	Mathabhanga College	History (Hons.), Philosophy (Hons.)

DISTRICT : MALDA

1.	Chanchol College (1969)	Philosophy (Hons.), Political Science (Hons.)
2.	Gour Mahavidyalaya (1985)	Computer Science (Pass), Mathematics (Pass), Physics (Pass)
3.	Kaliachak College	Botany (Pass), Chemistry (Pass), Zoology (Pass)
4.	Malda College	Computer Science (Hons.)
5.	Samsi College (1968)	Arabic (Hons.), Bengali (Hons.), Philosophy (Hons.), Sanskrit (Hons.)
6.	Kaliachak College	Political Science (H)

DISTRICT : SOUTH DINAJPUR

1.	Gangarampur College	Philosophy (Hons.), Political Science (Hons.),

DISTRICT : NORTH DINAJPUR

1.	Islampur College	Bengali (Hons.), English (Hons.),Sociology (H)
2.	Kaliaganj College	Economics (Hons.)

Sl. No.	COLLEGE	PROPOSED SUBJECT
3.	Raiganj University College	Microbiology (Hons.)

B. EXTENSION OF AFFILIATION OF NEW SUBJECTS (U.G.) IN GOVT. COLLEGES

1.	Bidhannagar College	Microbiology
2.	Durgapur Govt. College	Botany & Zoology
3.	Taki Govt. College	Philosophy

3.5 INTRODUCTION OF POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
Darjeeling Govt. College, Darjeeling	Zoology, Botany
Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce
Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi
Maulana Azad College	Zoology
Govt. College of Art and Craft	Visual Arts
Post Graduate Training College for Physical Education, Banipur	M.P.Ed
Dinabandhu Andrews College	Zoology
Chandernagar College,Hooghly	Geography
Bankura Christian College	English
Durgapur Govt. College	Geology
David Hare Training College	M.Ed.
Krishnagar Govt. College	Philosophy & Geography
Asansol B.B. College	Physics
J.K.College, Purulia	Mathematics
Krishnath Colege, Berhampure	Scriculture, Physiology
Kanchrapara College, 24 Pgs (N)	Hindi
Asutosh Collge, Kolkata	Environmental Science

3.6 TECHNICAL EDUCATION

i) Degree level engineering education in West Bengal has taken a giant stride in the recent past. Till 1995, there were only nine institutions and/or university faculties, which were imparting undergraduate engineering education to about 1650 students every year. These students used to be recommended for admission by the West Bengal Board of Examination through a state level Joint Entrance Examination. Usually, for every 25 aspirants for engineering education, only one seat was available. The situation, however, underwent a sea change with the decision of the government to allow setting up of engineering colleges under private management. The State of West Bengal witnessed the establishment of 30 new engineering colleges including two Pharmacy and one Hotel Management Degree level colleges by 2002-2003 in a span of 6 years and except for one, Kalyani Govt. Engineering College, which was set up by the Government of West Bengal in 1995, all others were private initiatives only.

ii) The development of infrastructure and academic environment in these newly set up engineering colleges, however, vary. While a few of them have really come up very fast by investing a lot of money in building up laboratories and other infrastructural facilities, a few are still to catch up.

iii) In four technology colleges of the state, apart from the core subjects, IT and Computer Sc. & Eng. have been introduced on self-financing basis.

iv) In order to improve the quality of education imparted in existing Engineering & Technology Colleges of the State affiliated to various universities, a technological university has been set up in 2000 to which all most all these colleges have been affiliated.

3.7 UNIVERSITY EDUCATION

The State Government have sanctioned a total sum of Rs.242.53 Lakhs in the Annual Plan to State-aided Universities viz. Calcutta, Jadavpur, Kalyani, Burdwan, North Bengal, Rabindra Bharati, Vidyasagar during the financial year 2002-2003. Out of this amount, a sum of Rs. 180.53 Lakhs is meant for construction / development of 7 (Seven) State-aided universities and Rs. 62.00 Lakhs for purchase of books & journals in respect of 6 (Six) State aided Universities. A sum of Rs 53.68 Lakhs has also been sanctioned and released to Netaji Subhas Open University towards maintenance grants. For B.E.College (D.U.) the State Govt. has sanctioned Rs.59.37 Lakhs during 2002-2003 for construction / development of B.E. College (D.U.).

STATEMENT OF ACTUAL EXPENDITURE IN THE UNIVERSITIES (ANNUAL PLAN (9TH PLAN) DURING 2001-2002 & 2002-2003

Rs. In lakh

University	Year	Construction	Books and Journals,	Total
Calcutta	2001-2002	Nil	31.00	31.00
	2002-2003	35.58	20.00	55.58
Jadavpur	2001-2002	46.00	24.00	70.00
	2002-2003	56.18	16.00	72.18
Kalyani	2001-2002	46.11	13.00	59.11
	2002-2003	40.00	8.00	48.00
Burdwan	2001-2002	28.99	13.00	41.99
	2002-2003	30.82	8.00	38.82
North Bengal	2001-2002	16.26	11.00	27.26
	2002-2003	14.20	6.00	20.20
Rabindra Bharati	2001-2002	30.00	8.00	38.00
	2002-2003	Nil	4.00	4.00
Vidasagar	2001-2002	10.00	15.00	25.00
	2002-2003	13.75	Nil	13.75

3.8 NON-GOVERNMENT COLLEGES

During this year Sarat Centenary College, Dhaniakhali, Hooghly organized a two-day – State Level Seminar, Sponsored by the U.G.C., on propitious area entitled "Post Modern Themes In Social Sciences" on 28th – 29th November, 2002 and marked by wealthy attendants and eminent academicians all over the State.

The State Government assists the non-government colleges to improve their quality of education and infrastructure.

Funds are sanctioned for development programmes such as repair/construction of classrooms, common rooms, toilets, libraries, laboratories, auditoriums, hostels, and boundary walls as well as repair/installation of electrical works.

1) Some of the colleges which have received assistance for construction of building are M.G. College, Purulia; Muzaffar Ahmed Mahavidyalaya, Murshidabad; Achruram Memorial College, Purulia, Panchmura Mahavidyalaya, Bankura, Kabi Sukanta Mahavidyalaya, Hooghly; Garhbeta College, West Midnapore; Ananda Chandra College, Jalpaiguri; Institute of English, Kolkata;

Krishna Chandra College, Birbhum; J.K. College, Purulia; Nagar College, Murshidabad; Balurghat College, South Dinajpore; Dumkal College, Murshidabad; Vivekananda Mahavidyalaya, Haripal, Hooghly; Mugberia Gangadhar Mahavidyalaya, East Midnapore; Ramananda Centenary College, Purulia; P.N. Das College, North 24-Parganas.

2) The colleges which have received funds for repair work are Belda College, West Midnaapore; Asansol Girl's College, Burdwan; Tarakeswar Degree College, Hooghly; Katwa College, Burdwan; Balurghat College, South Dinajpur; Y.S. Palpara Mahavidyalaya, West Midnapore; Scottish Church College, Kolkata, K.D. College of Commerce, West Midnapore; Birbhum Mahavidyalaya, Suri; Institute of English, Kolkata; Nistarini College, Purulia; Shyam Sundar College, Burdwan; P.N. Das College, North 24-Parganas; Pingla Thana Mahavidyalaya, West Midnapore.

Women's Hostel

Mahishadal Girl's College, East Midnapore; Tarakeswar Degree College, Hooghly; N.L. Khan Women's' College, West Midnapore.

Development of Women's College

P.D. Womens' College, Jalpaiguri; Nistarini College, Purulia; Siliguri Mahila Mahavidyalaya, Siliguri; Hooghly Women's College, Hooghly.

Funds have also provided for holding 4th Inter Non-govt. College Athletic Meet and Football Championship during 2002-03.

3.9 GOVERNMENT COLLEGES

Various programmes have been taken up by the State Government for improvement and strengthening of the Government Colleges. The budgetary provision in 2002-2003 for the development of Government Colleges is presented in the following table.

HEADS	AMOUNT (Rs)	
	OTHER CHARGES	BUILDINGS
	STATE PLAN	STATE PLAN
Development of Presidency College	48,00,000	25,00,000
Development of Darjeeling Govt. College	20,00,000	15,00,000
Development of Hooghly Mohsin College	10,00,000	7,00,000
Development of other Govt. Colleges	1,20,00,000	80,00,000
Development of newly established Govt. Colleges	25,00,000	80,00,000
Development of Govt. B.Ed. Colleges	5,00,000	5,00,000

Grants were sanctioned to the Government Colleges for construction/renovation works. Some of them are mentioned here.

Sl. No.	Government College	Construction Work	Amount Sanctioned (Rs)
1.	Presidency College	a) Repair & Renovation of Four different Laboratories and one corridor of Botany (P.G.) Deptt.	4,32,106.00
		b) Maintenance of E.I. of 175 Anniversary Girls' Hostel.	1,73,096.00
		Total :	**6,05,202.00**
2.	Hooghly Mohsin College	Construction of Animal House, Lavatory etc.	1,56,985.00
		Total :	**1,56,985.00**

New Govt.Colleges

1)	Haldia Govt.College	Installation of T.O.D Meter	30,000,00
		Total :	**30,000,00**
2)	Bidhannagar Govt. College	a) Conversion of vacant space into Play ground	4,34,224.00
		b) Maintenance E.I.	4,52,780.00
		c) Construction of New Building	30,00,000.00
		Total :	**38,87,004.00**
		Total :	**39,17,004.00**

12-Other Govt. Colleges

1.	Krishnagar Govt. College	Construction over 2nd floor of Biology Building	10,00,000.00
		Total :	**10,00,000.00**
2.	Lady Brabourne College	a) Renovation of Ladies Hostel	5,00,000.00
		b) Accommodation for students of newly introduced Microbiology (Hons.)	1,43,022.00
		Total :	**6,43,022.00**
3.	Barasat Govt. College	a) Vertical Extension over 2nd floor of Main Building	5,00,000.00
		Total :	**5,00,000.00**

Sl. No.	Government College	Construction Work	Amount Sanctioned (Rs)
4.	Taki Govt. College	a) Construction of 2nd floor of New Block	3,00,000.00
		Total :	**3,00,000.00**
5.	Chandannagar College	a) Repair of old Commerce Building	5,22,719.00
		b) Renovation of Library and Cycle Shed	2,27,242.00
		Total :	**7,49,961.00**
6.	A.B.N.Seal College	Repair of Students' Union Room & Old Library	50,986.00
		Total :	**50,986.00**
7.	Durgapur Govt. College	Construction of Ist floor of Geology Building	10,00,000.00
		Total :	**10,00,000.00**

Govt. Physical Education Colleges :

1.	Hastings House	Repair of Building	3,00,000.00
		Total :	**3,00,000.00**

Grant were also sanctioned to the Govt. Colleges in the form of Development grant for purchase of books, equipment's, Chemicals, furniture etc. for smooth running of various Departments. Some of these are mentioned here.

Colleges	State plan – other charges Amount (Rs.)
Development of Presidency College	44,97,729.00
Development of Darjeeling Govt. College	14,25,000.00
Development of Hooghly Mohsin College	2,68,000.00
Development of Other Govt. Colleges	88,77,886.00
Development of New Govt. Colleges	18,30,000.00
Development of Govt. B. T. Colleges	1,00,000.00
Development of Govt. Art & Craft College	3,49,950.00

3.10 MEASURES FOR QUALITY IMPROVEMENT OF HIGHER EDUCATION

A) Implementation of the UGC Scheme for revision of pay scale of the University and College Teachers and other academic staff :

It was felt that urgent attention had to be given to the need to improve academic standards in universities and colleges. They had to attract and retain the best talents in the teaching profession for the purpose. With this end in view, a committee was formed under the chairmanship of Prof. Rastogi to examine as to how and to what extent better scales of pay and service conditions could be allowed to the teachers and to suggest measures for qualitative improvement in the teaching profession. The Government of India accepted the UGC recommendations with certain modifications and recommended a revision of scales of pay of teachers of the universities and colleges. Certain other service benefits including promotion/career advancement at different levels were included in this scheme.

The Government of West Bengal have accepted the recommendations of the Government of India (except in regard to increase in the age of superannuation) and have implemented the scheme. Suitable guidelines for improvement of the quality of teaching in the universities and colleges have also been formulated under the UGC scheme and extended to those institutions. These are broadly in the field of (i) revised qualifications for recruitment of teachers, (ii) composition of the Selection Committees for such recruitment, (iii) fixing minimum teaching days and work load, (iv) evolving professional ethics, (v) ensuring accountability etc.

The salient features of the scheme as formulated by the Govt. of India/UGC and accepted by the Govt. of West Bengal are indicated below :

(a) **Revised Scales :**

Category of Staff	**Revised Scales.**
(1) Lecturer	Rs. 8000-275-13500/-
(2) Lecturer [Sr. Scale]	Rs. 10000-325-15200/-
(3) Lecturer (Selection Grade/Reader)	Rs. 12000-420-183000/-
(4) Professor	Rs.16400-450-20900-500-22400/-

(b) Career Advancement/promotion :

(i) From Lecturer to Senior Lecturer after six years of service with relaxation of one year and two y ears respectively for M.Phil and Ph.D. degree holders.

(ii) Promotion to Reader from Lecturer after five years of service in the Senior

Scale. Those who will not be able to get Readership may be allowed the Selection Grade scale of a Lecturer after five years of service in the Senior Scale.

(iii) Promotion of a Reader to the post of Professor after eight years of service as Reader.

The above placement and promotion would be, however, subject to fulfillment of eligibility conditions.

(c) Ad-hoc service for more than one year will be counted for such promotion/career advancement.

(d) Four and two advance increments will be granted to candidates having Ph.D. & M. Phil degree respectively at the time of recruitment.

(e) Existing Lecturers in the Selection Grade or a Raeader with five years service in the pre-revised scale of Rs. 3700-5700/- will be fixed at the stage of Rs. 14,900/-

Guidelines for the recruitment of qualified teachers in the universities and colleges have also been formulated under the UGC scheme and these have been extended to the universities and colleges in West Bengal.

Other benefits sanctioned in favour of the teachers:

(a) House Rent Allowance have been sanctioned @ 15% subject to a maximum of Rs. 2000/- p.m. in favour of the university and college teachers.

(b) Enhancement of the benefit of the leave salary up to a maximum of 240 days has been allowed in respect of the university teachers.

(c) Retirement benefits as per the State Govt. scheme have been extended to the university teachers in the following manner :

(i) 50% of the last pay drawn as pension instead of the present 25%;

(ii) Commutation up to 40% of the pension against the existing 33-1/3rd %;

(iii) Raising of value of gratuity from Rs.35,000/- to Rs.1,00,000/- for those retiring in between 01-01-96 to 30-04-99 and Rs.2,50,000/- for those retiring thereafter.

(iv) Contributory Provident Fund has been withdrawn and General Provident Fund has been introduced.

The same benefits have been extended to the officers of the universities.

Improvement of service conditions for the non-teaching employees of the Universities and Colleges :

While the non-teaching employees of the colleges had been allowed the revised scales of pay w.e.f. 01-01-96 and other benefits as have been sanctioned in favour of the State Govt. employees, the non-teaching employees of the universities have been provided with a separate set of revised scales of pay with effect from 01-01-96. The retirement benefits for such categories of employees have, however, been the same as have been introduced in respect of the teachers and the officers of the universities as indicated in para 2.10.2.

B) Measures for ensuring accountability at different levels of Higher Education

The policy of the Government to ensure accountability at all levels has also been extended to the different institutions of higher education including universities and colleges. Along with the implementation of the UGC Scheme for Revision of Pay Scales etc. of University and College teachers, measures to ensure accountability at all levels has been vigorously pursued.

A committee with Dr. R. K. Podder, former Vice-chancellor, Calcutta University and an eminent educationist and administrator was set up vide Notification No.505-Edn (A) Dt.12th Aug.1999 to suggest measures which were required to be taken to ensure accountability of teachers in Government colleges including Government Engineering and Technological Colleges for maintaining high academic standards and certain other allied matters. The report of the committee is awaited.

3.11 STATE ARCHIVES

Apart from the preservation of records in the archival holding, the Archives assisted the following organizations in preservation of their records:

(1) New Acquisition of records -

108 volumes of Legislative Assembly Proceedings -official Reports (November 1974- July 2000) have been accessed. About 25000 Records of the Public Works Department (1859-1970) have recently been received. Khan Family Papers of Mankundu, Hooghly have been acquired.

(2) Inspection of libraries

The State Archives inspected the following libraries which had applied for Central.

Financial Assistance for preservation of old books & manuscripts scheme :-

(i) Bidhan Chandra Granthagar, Mahajati Sadan, Kolkata.

(ii) Sanskrit Sahitya Parishad, Kolkata.

(iii) Central Library, Jadavpur University.

(3) Survey of records

(i) Survey of South 24 Parganas District Collectorate, Alipore, has been conducted by State Archives for identification of old valuable records lying in their custody.

(ii) Inspection of Calcutta Museum, Town Hall, was conducted for advising on preservation of library materials at their custody.

3.12 DISTRICT GAZETTEERS

During the year under report the following titles have been added to the list of books reprinted by the District Gazetteers :

1.	Rivers of Bengal	Volume I
2.	" " "	Volume II part II (maps only)
3.	" " "	Volume III

Revenue earned during the financial year (01-04-02 to 31-03-03)	...	Rs. 1,76,250.00
Total Sales of Books during 1995-2003 (upto 28th February,2002)	...	Rs.10,54,845.00 (including W.B.G.Press)
Total No. of Books sold so far since 1995 from this office	...	7268 copies
No. titles available at present	...	21

This scheme has become very popular with the reading public and has earned this organisation high appreciation from the scholars and academicians.

3.13 WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

During the year 2002-2003 the Council has undertaken the following activities :

1. The Council organized a workshop with experts from State Universities to prepare model syllabus for the two-year M.P.Ed. (Master of Physical Education) Course.

2. The Council convened a meeting of Directors of Academic Staff Colleges and Professors-in-charge of Refresher Course Centres operating at different Universities in order to co-ordinate their activities.

3. The Council has been processing applications from affiliated colleges for extension of affiliation in different subjects and courses. As in the previous years, the Council held meetings with Vice-chancellors and other officials of five affiliating State universities to prepare joint recommendations regarding extensions of affiliation.

4. The Council has lent its assistance to Indian Institute of Social Welfare and Business Management in conducting an Orientation Programme for College Principals held at the Institute.

5. The Council has prepared a draft guideline for the establishment and academic and financial management of self-financing degree colleges, which is now under active consideration of higher authorities.

6. The Council has made inspections of a few proposed General degree and B.Ed. colleges and submitted its reports to the appropriate authority. The Council is also negotiating with several other organizing bodies interested in establishing self-financed colleges in W .Bengal.

7. Officers of the Council have participated in programmes conducted at several Universities and colleges for creating awareness about Assessment and Accreditation by National Assessment and Accreditation Council (NAAC).

8. The Member Secretary and Joint Secretary of the Council actively co-operated with the University Grants Commission (Eastern Regional Centre) in conducting face to face meetings with colleges in West Bengal and Orissa for finalisation of developmental assistance by UGC during the Xth Five Year Plan.

3.14 WEST BENGAL COLLEGE SERVICE COMMISSION (WBCSC)

(1) To recommend candidates for appointment to fill up the vacant post of Lecturers and also Principals in affiliated Colleges.

(2) Conduct of SLET Examination as state agency.

Again in the year 2002 in adv. no. 1/2002 applications were invited for empanelment of lecturers in 34 subjects panels have been prepared the recommendation is being made.

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

In adv. no. 2/2002 applications were invited for filling up of vacant post of principals in 76 no of colleges and the selection process is going on.

The Commission conducted SLET in 2003 and the results will be published soon.

The Commission is composed of the following Members: -

1. Prof. Dr. Ajit Kumar Banik, Chairman,
2. Dr. Dilip Kr. Deb. Member,
3. Dr. Nandita Basak, Member,
4. Dr. Jyotiprakas Haldar, Member,
5. Prof. Swapan Kr. Chakrabarti, Member,
6. Dr. Kanak Moitra, Member, presently one post of member is lying vacant.

There is one post of Secretary to the Commission who is appointed by the State Government.

3.15 AUTONOMOUS AND VOLUNTARY ORGANISATIONS

A large number of autonomous organisations and societies are engaged in research and promotion of science, arts and culture in West Bengal. The organisations, which receive financial assistance from the State Government in the Higher Education Department, Social Education Branch are as follows:

A) In the field of science and Mathematics :

1) Indian Association for the Cultivation of Science, Jadavpur, Calcutta-32.
2) Bangiya Bijnan Parishad
3) Calcutta Mathematical Society
4) Advanced Centre for Cryogenic Research
5) Indian Chemical Society
6) Institute of Chemists
7) Indian Science News Association
8) Institute of Science, Education and Culture
9) Regional Computer Centre, Calcutta
10) Jagadish Bose National Science Talent Search

B) In the field of Social Sciences :

1) Centre for Studies in Social Sciences
2) Indian Institute of Social Welfare and Business Management
3) Socio-Economic Research Institute
4) West Bengal Political Science Association
5) Netaji Institute for Asian Studies

C) In the field of History :

1) Institute of Historical Studies
2) Paschimbanga Itihas Samsad

D) In the field of Language :

1) Bangiya Sahitya Parishad
2) Paschim Banga Hindi Academy
3) West Bengal State Book Board
4) Shri Shri Sitaramdas Omkarnath Sanskrit Siksha Samsad
5) International School of Dravidian Linguistics for maintaining a chair in Bengali in the name of the late Dr. Suniti Kumar Chatterjee.

E) In the field of Culture and education :

1) Ramkrisha Mission Institute of Culture, Goal Park, Calcutta
2) Ramkrisha Mission Organisations at
   a) Narendrapur, South 24 Parganas
   b) Sarisha, South 24 Parganas
   c) Rahara, North 24 Parganas
   d) Midnapur (Vivekananda Lokasiksha Mandir)
   e) Kamarpukur, Hooghly
   f) Sargachi, Murshidabad
3) Academy of Fine Arts, Calcutta
4) Tamralipta Janakalyan Samity

5) Bankim Bhavan Gabesana Kendra, Naihati

6) Bengal Association, Delhi

F) In addition, the Deptt. Of Higher Education is associated with the following organisations:

1) Asiatic Society

2) Victoria Memorial Hall

3) Indian Institute of Management, Joka, South 24 Pgs.

4) Saha Institute of Nuclear Physics

5) Birla Institute of Technological Museum

6) Maulana Abul Kalam Azad Institute of Asian Studies

7) Bose Institute

8) S .N. Bose National Centre for Basic Sciences

9) Indian Institute of Technology, Kharagpur

10) Science City, Calcutta

11) Society for Research and Instruction in Science and Technology (SRISTY)

As in previous years, the State Government acquired buildings associated with the memory of great personalities with a view to preserving the buildings and promoting cultural and academic activities. Fund has been released towards the acquisition of the building at the premises at Asraf Mistry Lane, Calcutta where Maulana Abul Kalam Azad lived during pre-independence period.

3.16 SCHOLARSHIP & STIPEND

In order that no brilliant student is prevented because of poverty from pursuing an academic career, various schemes of National Scholarships for post-matriculation studies were initiated by the Government of India in 1961-62. Since then, these schemes have been continued from year to year.

The Scholarship and Stipend Section of the Education Directorate, Government, of West Bengal looks after the following Scholarship / Stipend Schemes:

1. National Scholarship on the basis of results of Madhyamik Examination of West Bengal Board of Secondary Education and West Bengal Board of Madrasa Education.

2. National Scholarship based on the results of Higher Secondary Examination of West Bengal Council of Higher Secondary Education.

3. National Scholarship on the basis of results of B.A/B.Sc. /B.Com (Honours) Examinations of various Universities in West Bengal.

4. National Scholarship for Teachers' Children.

Scholarship is awarded for Post-Matriculation studies in Hindi with a view to encouraging the study of Hindi in Non-Hindi speaking states and making available to Governments of these states, suitable personnel to man teaching and other posts where knowledge of Hindi is essential. In 2001-2002, about 240 students will get Hindi scholarship.

National Scholarships and Hindi Scholarship Schemes are funded by the Central Government. At present the total number of N.S. quota for the State of West Bengal is 3176 (out of total of 38,000 all over the country),who actually get scholarship money.

The D.P.I. Special Stipend on the basis of the results of Madhyamik Pariksha and B.A./ B.Sc./ B.Com. examinations are offered and funded by Government of West Bengal (for those who do not get N.S.). We are trying to include this stipend at Higher Secondary level also, so that this scheme becomes parallel to National Scholarship scheme.

A number of scholarships out of the Nizamat Stipend and the Mohsin Trust Funds are also released by West Bengal Government for meritorious Muslim Students only.

The total number of National Scholarships released exceeded 1500 in 2002-2003. Merit certificates were issued to another 2500 students. About 500 students received the D. P. I. Special Stipend and stipends from the Nizamat and the Mohsin Trust Fund. Rate of Mohsin Trust Fund stipend has been made at par with D.P.I. Special Stipend.

In spite of earnest efforts by all staff members of Scholarship section (Education Directorate) the actual disbursement of the Scholarship / Stipend to scholars is inordinately delayed due to multiple reasons beyond the control of the Directorate (e.g. incomplete or inaccurate or non- availability of data from scholars and respective school/college/university authorities, late release of funds from the Central Government, postal delay etc.) We have moved the Central Govt. to increase the income limit of parents so that more students get the actual National Scholarship amount and the term National Merit Scholarship becomes meaningful, otherwise the total quota of 3176 cannot be properly utilised.

3.17 PHYSICAL EDUCATION

The 5th Inter Govt. College Table Tennis Tournament and the 14th Inter-Government College Athletic Meet and the 12th Inter-Government College Football Championship were held at Yuba Bharati Krirangan and SAI Complex, Salt Lake, Kolkata-700 091 between 8th and 15th February, 2003.

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

The 4th Non-Govt. College Athletic Meet and Football Championship –2003 were held at Yuba Bharati Krirangan and SAI Complex, Salt Lake, Kolkata-700 091 between 7rd to 14th April, 2003.

3.18 NATIONAL CADET CORPS

N.C.C. wing of Education Directorate has certain routine activities :

(a) To arrange and conduct periodical Board meetings (i.e. Interview) for selection of candidates for undertaking 3- months' military training, called NCC Pre-Commission training, on completion of which they become full-fledged Associate NCC Officers (ANO) to run the NCC units of schools and colleges in West Bengal. Normally the Board meets 4 times a year.

(b) Overall supervision and monitoring of the existing NCC units in schools/colleges, and granting of approval in respect of raising, or withdrawal and reallotment of such units in schools and colleges.

(c) To approve financial allowances for NCC Caretakers in schools and colleges pending the appointment of full-fledged ANOs in those institutions.

(d) To liaise with various defence establishments in the metropolis on many occasion throughout the year.

CHAPTER - 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 Engineering and Technology Colleges

4.2 Management Institutes

CHAPTER - 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 ENGINEERING AND TECHNOLOGY COLLEGES

In 1947-48, there were only three Engineering and Technology Colleges in West Bengal with an intake capacity of 320 only. The period from 1948 to 1961 witnessed a slow but steady growth of technical education in the state with the establishment of 9 (nine) more engineering and technology colleges. The intake capacity thus increased from 320 to 1452. Between 1961 and 1994, there was no further expansion of degree level engineering education in the State.

The current phase of expansion in degree level engineering and technology education was initiated by the establishment of Kalyani Government Engineering College at Kalyani, Nadia in the year 1995. Since then, the expansion has been uniformly rapid over the 9th plan period. But this has been limited to the private sector only. Starting from Haldia Institute of Technology, Haldia, established in 1996-97, as many as 30 (thirty) more private degree level institutions including 1 (one) Hotel Management and 2 (two) University Departments have been established during the period between 1997-98 and 2002-2003.

The State Government has introduced a B.E./B.Tech course on Information Technology in Jalpaiguri Government Engineering College, Jalpaiguri, whereas the course in Computer Science & Engineering have been introduced in all the four Govt. Technology Colleges of the State from the last academic session of (2001-02).

During the year 2002-03 the following 6 colleges were set up :

Sl.No.	Name of the Institution	Intake Capacity
1.	National Power Training Institute, Durgapur	60
2.	Future Institute of Engineering & Management, Kolkata	240
3.	Institute of Technology & Marine Engineering, South 24-Parganas	240
4.	Mallabhum Institute of Technology, Bakura	240
5.	Durgapur Institute of Advanced Tech. & Management	240
6.	Calcutta Institute of Pharmaceutical Technology & Allied Health Sciences, Howrah	60

With the establishment of these institutions and also due to the introduction of new degree courses in the existing Institutions in Information Technology, Computer Science & Engineering the related areas, the intake capacity in degree level Engineering and Technology courses in the post-Higher Secondary level has gone up to a little over 9964. With the post B.Sc. level B.Tech. courses of Calcutta and the Jadavpur University and including the post diploma level BE courses in Jadavpur University, the figure is slightly over 10506.

Information and Communication Technology related courses :

It may be emphasized that due to increasing demand of technical manpower in the field of information technology and related areas, most of the newly established institutions have introduced degree courses in Information Technology, Computer Science & Engineering and Electronics & Communication Engineering. Thus, out of **eight thousand odd** seats available in the Post Higher Secondary level, I.T., Computer Science & Engineering, Electronics & Communication Engineering and other similar courses account for 5850 seats.

Biotechnology Courses :

Biotechnology has emerged as a potential area of technological educatiuon in the state. B. Tech in Biotechnology course has been introduced is five engineering institutions, so far

Introduction of Master of Computer Application (M.C.A.) Courses :

The expansion of engineering and technology education in the State has been further facilitated by the introduction of M.C.A. course in as many as 19 (Nineteen) Institutions, including the universities like the North Bengal University and the Vidyasagar University. The total intake capacity for the Master of Computer Application (M.C.A.) Course in the State of West Bengal is at present 850 (2002-03).

The West Bengal University of Technology :

The West Bengal University of Technology, established in 2000-2001, has started functioning from the academic session of 2001-2002. Besides affiliating the existing Engineering and Technology institutions, both in the Govt. as well as in Private sector, it has also started affiliating different institutions for conducting B.B.A., B.C.A. and certain other courses like B. Optometry.

The IIIT-C has been amalgamated with The West Bengal University of Technology as the University Department of Information Technology. The students already on the roles of the Institute shall, henceforth, be under the academic and administrative control of the University and shall be awarded BE degree in Information Technology of West Bengal University of Technology on successful completion of the Course.

The University has started its first 2-year M. Tech. Course in Biotechnology at the University premises from January 2003. The University has been accorded a support grant from the Department of Bio-technology, Government of India, for running the course.

Also the University has planed to start in-house 2 Yr. M. Tech. Programme in Software Engineering

in the same premises in order to meet the demand of teachers for Computer Science and IT in general degree colleges. The University has been planning to open the emerging new M. Tech. Course in Nano-materials and Microelectronics from the academic session 2003-2004.

Introduction of Lateral Entry Scheme :

In tune with the scheme of the All India Council for Technical Education, the State Govt. has extended the scope of degree level engineering education to the diploma holders in engineering in the State through the Lateral Entry Scheme.

BUDGET ALLOCATION DURING 2001-2002 FOR GOVT. ENGINEERING & TECHNOLOGY COLLEGES

SL. No.	Name of the College	Budget provision under '2203' (in Rs.)	Budget provision under '4202'(in Rs.)
1.	Jalpaiguri Govt. Engg. College, Jalpaiguri	70,00,000	55,00,000
2.	Kalyani Engg. College, Kalyani	80,00,000	90,00,000
3.	College of Textile Technology, Berhampore	15,00,000	12,00,000
4.	College of Textile Technology, Serampore	15,00,000	12,00,000
5.	College of Ceramic Technology, Kolkata	10,00,000	5,00,000
6.	College of Leather Technology, Kolkata	25,00,000	15,00,000
7.	Non-Government Engineering, Kolkata	60,00,000	–
8	R.E. College, Durgapur	2,00,000	–

BUDGET ALLOCATION AND FUND SANCTIONED UNDER THE HEAD OF ACCOUNT "2203-TECH.EDN. AND "4202-" OF ENGINEERING & TECHNOLOGY COLLEGE DURING THE YEAR 2002-2003 (STATE PLAN)

Sl. No.	Name of the College	Major Head "2203-Tech.Edn."		Major Head "4202-"	
		Budget Provision (Rs.)	Amount sanctioned (Rs.)	Budget Provision (Rs.)	Amount Sanctioned (Rs.)
1.	Jalpaiguri Govt. Engg.College, Jalpaiguri.	75,00,000	22,23,000	60,00,000	48,00,000
2.	Kalyani Govt. Engg.. College, Nadia	70,00,000	40,74,000	95,00,000	95,00,000

Sl. No.	Name of the College	Major Head "2203-Tech.Edn."		Major Head "4202-"	
		Budget Provision (Rs.)	Amount sanctioned (Rs.)	Budget Provision (Rs.)	Amount Sanctioned (Rs.)
3.	College of Textile Technology, Serampore	16,00,000	12,00,000	12,00,000	5,00,000
4.	College of Textile Technology, Berhampore	16,00,000	12,95,000	15,00,000	8,00,000
5.	College of Ceramic Technology, Kolkata	12,00,000	9,00,000	5,00,000	3,37,000
6.	College of Leather Technology, Kolkata	28,00,000	22,39,000	15,00,000	11,18,000
7.	R.E.College, Durgapur	2,00,000	Nil	-	-
8.	Non-Govt. Engg. College	60,00,000	47,72,000	-	-

EXISTING FACILITIES IN ENGINEERING & TECHNOLOGY COLLEGES :

B.E./B.Tech. B. Pharm and B. HM courses at post-H.S. Level are available in 42 Engineering and Technology Institutes of the State. These includes the five university departments, eight Govt. Engineering & Technology colleges including the Institute of Jute Technology under the Ministry of Textile, Govt. of India and R.E. College, Durgapur, two Pharmacy Institute, and rest one Hotel Management private engineering colleges.

The post-B.Sc. level B. Tech. Courses are available at the Faculty of Engineering & Technology, Jadavpur University and the University College of Science and Technology, Calcutta University. Jadavpur University also conducts B.E. course for the diploma holder engineering students.

4.1.1 LIST OF A.I.C.T.E. APPROVED ENGINEERING & TECHNOLOGY DEGREE COLLEGES AND UNIVERSITY ENGINEERING FACULTIES/ DEPARTMENTS OFFERING ENGINEERING AND TECHNOLOGY COURSES IN DIFFERENT DISCIPLINES ALONGWITH INTAKE CAPACITY AT B.E./B. TECH LEVEL.

B.E/B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
1. Bengal Engineering College, (Deemed University), P .O.- Botanic Garden, Howrah-711103, Ph: (033)2668-4561/ 62/ 63 Fax : (033)2668-2916/ 4564 (Year of Establishment - 1856), (D.U since 1992)										

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Architecture	22								2	24
Civil Engineering	90									90
Computer Science & Technology	25								-5	20
Electrical Engineering	65								-5	60
Electronics & Tele-Communication Engineering	35								-5	30
Information Technology							60			60
Mechanical Engineering	65								-5	60
Metallurgical Engineering	35								-5	30
Mining Engineering	30									30
Institution Total (Yearwise)	***367***						***60***		***-23***	***404***
2. Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508/ 2413-7121 (Year of Establishment-1955)										
Architecture	20					10				30
Chemical Engineering	60					10				70
Civil Engineering	90					10				100
Computer Science & Engineering	40					20				60
Construction Engineering	30					10				40
Electrical Engineering	90					10				100
Electronics & Instrumentation Engineering	20									20
Electronics & Tele-Communication Engineering	50					10	60			

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Information Technology							40			40
Instrumentation Engineering	20					20				40
Mechanical Engineering	90					10				100
Metallurgical Engineering	20					10				30
Pharmacy	60					10				70
Power Plant Engineering	30					10				40
Printing Engineering	20									20
Production Engineering	30					10				40
Institution Total (Yearwise)	***670***					***150***	***40***			***860***
3. College of Leather Technology, New Campus:L.B-Block, Sector-III, Salt Lake , Kolkata-700091 (A State Govt. Institute) Ph. (033) 2350-1264/7311 Established as an Institute in 1919. B.Sc(Tech) Degree introduced in 1955										
Computer Science & Engineering								40		40
Information Technology							40			40
Leather & Footwear Technology	30									30
Institution Total (Yearwise)	30						40	40		110
4. College of Textile Technology, Serampore, Dist. Hooghly Pin-712201 (A State Govt. Institute) Ph: (033) 26623156/ 1058 Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and B.Tech in 1998										

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Computer Science & Engineering								40	-10	30
Information Technology							40		-10	30
Textile Technology	30									30
Institution Total (Yearwise)	30						40	40	-20	90
5. College of Textile Technology, Berhampore, Dist. Murshidabad, Pin-742101(A State Govt. Institute) Ph: (03482) 250142 Established as an Institute in 1927. B.Sc(Tech) degree introduced in 1958 and B.Tech in 1998)										
Computer Science & Engineering								40		40
Textile Technology	30									30
Institution Total (Yearwise)	30							40		70
6. Regional Engineering College, Durgapur, Mahatma Gandhi Avenue, Durgapur-713209 (Joint venture of Central and State Govt.) Ph. : (0343)2546397/ 2546406/ 2546594/ 2546390 Fax : (0343)-2546753/2547375 (Year of Establishment-1960)										
Chemical Engineering	30									30
Civil Engineering	30									30
Computer Science & Engineering	30						30			60
Electrical Engineering	60									60
Electronics & Tele-Communication Engineering	30						30			60
Information Technology							60			60
Mechanical Engineering	90									90

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Metallurgical Engineering	40									40
Institution Total (Yearwise)	***310***						***120***			***430***
7. Jalpaiguri Govt. Engg. College, Jalpaiguri, Pin- 735102 (A State Govt. Institute) Phone -(03561) 255130 Fax : (03561)255131 (Year of Establishment-1961)										
Civil Engineering	45					15				60
Computer Science & Engineering							40			40
Electrical Engineering	45				15					60
Electronics & Communication Engineering							40			40
Information Technology								40		40
Mechanical Engineering	60									60
Institution Total (Yearwise)	***150***				***15***	***15***	***80***	***40***		***300***
8. College of Ceramic Technology, 73,A.C Banerjee Rd. Calcutta-700010 (A State Govt. Institution) Ph: (033)23501264/7311 (A Govt. Institute) Established as an Institute in 1941. B.Sc (Tech) degree introduced in 1962 and B.Tech in 2000										
Ceramic Technology	40									40
Computer Science & Engineering	40							40		
Information Technology							40			40
Institution Total (Yearwise)	40						40	40		120

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
9. Kalyani Government Engineering College,Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033)2582-6680/ 1309 Fax : (033) 25821309 (Year of Establishment-1995)										
Computer Science & Technology	60									60
Electronics & Communication Engineering	60									60
Information Technology							40			40
Mechanical Engineering	60									60
Institution Total (Yearwise)	***180***						***40***			***220***
10. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute) Ph: (03224) 52800 Fax : (03224) 52900 (Year of Establishment-1996)										
Bio-Technology.								40		40
Chemical Engineering		60								60
Computer Science & Engineering		60								60
Electrical Engineering									40	40
Electronics & Communication Engineering				30			30			60
Information Technology							40			40
Instrumentation Engineering		60								60
Mechanical Engineering				40						40
Production Engineering								40		40
Institution Total (Yearwise)		***180***		***70***			***70***	***80***	***40***	***440***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
11.Institute of Engineering & Management, Salt Lake,Y-12 Sector - V, Electronics Complex, Kolkata-91 (Private Institute) Ph: (033) 2357-2059 Fax : (033) 2357-8302 (Year of Establishment-1997)										
Computer Science & Engineering							90			90
Electronics & Tele-Communication Engineering				60						60
Information & Multimedia Technology						60				60
Institution Total (Yearwise)				***60***		***60***	***90***			***210***
12.Bankura Unnyani Institute of Engineering, P.O.-Bhagabandh, P.S. & Dist. – Bankura, Pin-722146 (Private Institute) Ph : (03242) 255855/ 255955 Fax : +91-3242-255955 (Year of Establishment-1998)										
Computer Science & Engineering				60						60
Electronics & Communication Engineering				60						60
Electronics & Instrumentation Engineering				60						60
Information Technology							40		20	60
Institution Total (Yearwise)				***180***			***40***		***20***	***240***
13.Murshidabad College of Engineering & Technology, P.O Berhampur, P.S Balrampur, Dist Murshidabad. (Private Institute) Ph: (03482) 251191/ 251196/251136 (Year of Establish-ment- 1998)										

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Computer Science & Technology					40	20				60
Electronics & Communication Engineering					40		20			60
Electronics & Instrumentation Engineering					40				20	60
Information Technology							30	10	20	60
Institution Total (Yearwise)					***120***	***20***	***50***	***10***	***40***	***240***
14.College of Engineering & Management, Kolaghat KTPP Township P.S Mecheda, Dist.: Purba Midnapur, Pin: 721171(Private Institute) Ph: (03228) 250971/249443 Fax : 03228-250880 (Year of Establishment-1998)										
Computer Science & Engineering					40	20				60
Electrical Engineering					40				20	60
Electronics & Instrumentation Engineering					40	20				60
Information Technology					40	20				60
Institution Total (Yearwise)					***120***	***40***		***40***	***40***	***240***
15.Asansol Engineering College, Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341)251426/ 252108 Fax: (0341) 2253056/2254248 (Year of Establishment-1998)										
Computer Science & Engineering					60			30		90
Electrical Engineering					60				30	90
Electronics & Communication Engineering					60				30	90

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Information Technology					60			30		90
Instrumentation Engineering									40	40
Institution Total (Yearwise)					***240***			***60***	***100***	***400***
16.Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O Panchpota, Dist.24 Parganas (S) : Ph: (033)2436/3333/1285 Fax: (033)2436-1286 (Private Institute) (Year of Establishment-1998)										
Computer Science & Engineering					40		20	30		90
Electrical Engineering					60					60
Electronics & Communication Engineering					40		20	30		90
Information Technology					40		20	30		90
Institution Total (Yearwise)					***180***		***60***	***90***		***330***
17.University Science Instrumentation Centre, Kalyani University ,Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph: (033) 2582-6680/ 1039 Fax : (033) 2582-6680 (Year of Establishment-1999)										
Electronics & Instrumentation Engineering						40				40
Information Technology						40				40
Institution Total (Yearwise)						80				80

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
18.B.P Poddar Institute of Management & Technology, 137, V.I.P. Road (Mondal Ghanti) Kolkata –700052 (Private Institute) Ph: (033) 25739607/9608/ 9609/ 9610 Fax : 033-2573-9401 (Year of Establishment-1999)										
Computer Science & Engineering						60				60
Electrical Engineering						60		-30		30
Electronics & Communication Engineering						60				60
Information Technology						60				60
Institution Total (Yearwise)						***240***		***-30***		***210***
19.MCKV Institute of Engineering, 243, G.T. Road (North) , Liluah , H owrah-711204 (Private Institute) Ph: (033) 26549315/ 16/17/18 Fax : 2242-5487 (Year of Establishment-1999)										
Computer Science & Engineering						60	30	-30		60
Electronics & Communication Engineering						60	30	-30		60
Information Technology						60	30	-30		60
Institution Total (Yearwise)						***180***	***90***	***-90***		***180***
20. RCC Institute of Information Technology.College of Leather Technology , (Old Campus), Canal South Road, Beleghata, Kolkata- 700015 (A Govt. aided Institute) Ph: (033) 2216-1463/1400 Fax: (033) 2323-8003 (Year of Establishment - 1999)										

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Computer Science & Engineering						60				60
Information Technology						60				60
Institution Total (Yearwise)						***120***				***120***
21.Birbhum Institute of Engineering & Technology, , P.O. –Suri, Dist—Birbhum, Pin—731101 (A Private Institute) Ph: (03462) 256839 Fax: (03462) 256839 (Year of Establishment-1999)										
Computer Science & Engineering						60				60
Electrical Engineering						60				60
Electronics & Communication Engineering						60				60
Information Technology								40		40
Mechanical Engineering						60				60
Institution Total (Yearwise)						***240***		***40***		***280***
22.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin: 734225 Siliguri, Darjeeling, (A Private Institute) Ph: (0353) 2574074, 2574075 Fax : 0353-2574076 (Year of Establishment-1999)										
Computer Science & Engineering						60			30	90
Electrical Engineering						60				60
Electronics & Communication Engineering						60				60
Information Technology						60				60
Instrumentation Engineering						60				60
Institution Total (Yearwise)						***300***			***30***	***330***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
23.Institute of Jute Technology,35,Ballygunge Circular Road,Kolkata-700019 (a Central Govt Aided Institution under Ministry of Textile, Govt. of India) Ph: (033) 2475-1985/2476-1166 Fax : 033-2475-0996 Established as an Institute in 1951. B.Tech Degree introduced in 1999										
Jute & Fibre Technology	30									30
Institution Total (Yearwise)	***30***									***30***
24.Dr. B.C.Roy Engineering College, Durgapur, Jemua Road, Fuljhore, Durgapur-713206 (Private Institute) Ph. (0343) 2502449 Fax : 0343-2545718 (Year of Establishment-2000)										
Computer Science & Engineering							60			60
Electrical Engineering							60			60
Electronics & Communication Engineering									60	60
Electronics & Instrumentation Engineering							60			60
Information Technology							60			60
Institution Total (Yearwise)							***240***		***60***	***300***
25. Bengal Institute of Technology, Tech. Town, P.O.Bamonghata, On Basanti Highway, Kolkata, Pin: 700 039. (Private Institute) Ph.: 033-2345-8001/02/03 Fax: 033-2345-8005 (Year of Establishment-2000)										
Bio-Technology.									30	30

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Computer Science & Engineering							60			60
Electronics & Communication Engineering							60			60
Information Technology							60			60
Institution Total (Yearwise)							***180***		***30***	***210***
26. St. Thomas College of Engineering, 4, Diamond Harbour Road, Kolkata-700 023, (Private Institute) Ph.: 033-2448-1081/1082 Fax : 2448-2914 (Year of Establishment-2000)										
Computer Science & Technology							60			60
Electrical Engineering							60			60
Electronics & Communication Engineering							60			60
Information Technology							60			60
Institution Total (Yearwise)							***240***			***240***
27. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137,2138 (Year of Establishment-2000)										
Computer Science & Engineering							60	30		90
Electrical Engineering							60			60
Electronics & Communication Engineering							60			60
Electronics & Instrumentation Engineering									40	40
Information Technology							60	30		90
Institution Total (Yearwise)							***240***	***60***	***40***	***340***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
28. University Institute of Technology, Burdwan University, P.O. Rajbati, Dist.Burdwan, Pin-713104 (A Govt. aided Institute) Ph.(0342) 2557-800/561-016 Fax.-0342-2564452 (Year of Establishment-2000)										
Computer Science & Engineering							40	20		60
Electronics & Communication Engineering							40	20		60
Information Technology							40		20	60
Institution Total (Yearwise)							***120***	***40***	***20***	***180***
29. Gupta College of Technological Sciences, Ashram More, G.T. Road, Asansol-713301. (Private Institute) Ph.(0341) 2213120/2204423/ 2203839 Fax : 0341-2213120 (Year of Establishment-2000)										
Pharmacy							60	30		90
Institution Total (Yearwise)							60	30		90
30. Dumkal Institute of Engineering & Technology, Mouza Ramna, Etbar Nagar, Basantapur, P.O.: Dumkal, Dist.: Murshidabad, Pin: 742303. (Private Institute) Ph.: (03481) - 230033/230040 Fax:(03481) - 231188 (Year of Establishment-2001)										
Computer Science & Engineering								60		60

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Electronics & Communication Engineering								60		60
Electronics & Instrumentation Engineering								60		60
Information Technology								60		60
Institution Total (Yearwise)								***240***		***240***
31.Narula Institute Of Technology, 81, Niljunj Road, Agarpara, Kolkata - 700056. (Private Institute) (Year of Establishment-2001) Ph: 033-2563-7777/8880, 2583-7029										
Computer Science & Engineering								60		60
Electrical Engineering									60	60
Electronics & Communication Engineering								60		60
Information Technology								60		60
Institution Total (Yearwise)								***180***	***60***	***240***
32.Techno India, Plot No. EM-4/1, Salt Lake Electronic Complex, Sector - V, Kolkata - 700091. (Private Institute) (Year of Establishment-2001) Ph: 033-2357-5683/84/85 Fax: 033-2357-5686										
Computer Science & Engineering								60		60
Electrical Engineering								60		60
Electronics & Communication Engineering								60		60
Information Technology								60		60
Institution Total (Yearwise)								***240***		***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
33.Bengal College of Engineerng & Technology, Shahid Sukumar Banerjee Sarani, Durgapur - 713212 (Private Institute) (Year of Establishment-2001) Ph.: 0343-2533186 Fax: 0343-2536756										
Bio-Technology.								60		60
Computer Science & Engineering								60		60
Electronics & Communication Engineering								60		60
Information Technology								60		60
Institution Total (Yearwise)								***240***		***240***
34. Megnad Saha Institute of Technology, Madurdaha, Behind Ruby Hospital, (Near NRI Complex) Kolkata - 700 039. (Private Institute) (Year of Establishment-2001) Ph.: 033-24431031/1033 Fax: 033-24431032.										
Computer Science & Engineering								60		60
Electrical Engineering								60		60
Electronics & Communication Engineering									60	60
Information Technology								60		60
Institution Total (Yearwise)								***180***	***60***	***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
35. Haritage Institute of Technology, Chowdhaga Road, Anandapur, P.O.: East Kolkata Town Ship, Kolkata - 700 017. (Private Institute) (Year of Establishment-2001) Ph.: 033-2443-0454/0457/0710 Fax: 033-2443-0455										
Bio-Technology.									30	30
Chemical Engineering									60	60
Computer Science & Engineering								60		60
Electronics & Communication Engineering								60		60
Electronics & Instrumentation Engineering								60		60
Information Technology								60		60
Institution Total (Yearwise)								***240***	***90***	***330***
36. National Power Training Institute (ER) Michael Faraday St. City Center, Durgapur-713216. (Self-Financing Institute under the Ministry of Power Govt. of India) (Year of Establishment 2002) Ph: 0343-2545888/2546237 Fax: 0343-2545888										
Power Plant Engineering									60	60
Institution Total (Yearwise)									***60***	***60***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
37.Future Institute of Engg. & Mgt., Sonarpur Station Road, Kamalgazi, 24 Pgns(S), Kolkata – 700 103. (Private Institute) (Year of Establishment-2002)										
Computer Science & Engineering									60	60
Electrical Engineering									60	60
Electronics & Instrumentation Engineering									60	60
Electronics & Tele-Communication Engineering									60	60
Institution Total (Yearwise)									***240***	***240***
38.Iinstitute of Technology & Marine Engg.,Vill-Jingha, P.O. Amira, P.S-Diamond Harbour, Dist-South, 24 Parganas, W.B-743368 (Private Institute) (Year of Establishment-2002) Ph.: 033-245078/101 Fax: 033-245108										
Bio-Technology.									30	30
Computer Science & Engineering									60	60
Electronics & Communication Engineering									60	60
Information Technology									30	30
Marine Engineering									60	60
Institution Total (Yearwise)									***240***	***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
39. Mallabhum Institute of Technology, Braja Radhs Nagar (Gopalpur), P.O. Gosainpur., Dist.: Bankura, W.B.Pin: 722122 (Private Institute) (Year of Establishment-2002) Ph: 03244-255207/208 Fax: 033-24406996										
Computer Science & Engineering									60	60
Electronics & Communication Engineering									60	60
Information Technology									60	60
Production Engineering									60	60
Institution Total (Yearwise)									***240***	***240***
40. Durgapur Iinstitute of Advanced Tech. & Management, G. T. Road, Rajbandh, Durgapur - 713212 (Private Institute) (Year of Establishment-2002) Ph: 0343-2520712 Fax: 0343-2520713										
Computer Science & Engineering									60	60
Electrical Engineering									60	60
Electronics & Communication Engineering									60	60
Information Technology									60	60
Institution Total (Yearwise)									***240***	***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
41. Calcutta Institute of Pharmaceutical Technology & Allied Health Sciences, Banitabla, P.O.: Uluberia, Howrah - 711 316 (Private Institute) (Year of Establishment-2002) Ph: 033-26610499 Fax: 033-28075015										
Pharmacy									60	60
Institution Total (Yearwise)									***60***	***60***
42. NSHM School of Hotel Management, Bharati Road, 16th Street, B-Zone, Durgapur - 713205. (Private Institute) (Year of Establishment-2001) Ph.: 0343-2548606/2548607 Fax: 0343-2561045										
Hotel Management								60		60
Institution Total (Yearwise)								***60***		***60***
Grand Total at B.E/B.Tech including B. Pharm & Bechelor in Hotel Management (Post Higher Secondary)	*1657*	*180*	*180*	*60*	*925*	*1385*	*1940*	*1850*	*1787*	*9964*
B.E/B.Tech (Post B. Sc)	**Upto 94-95**	**95-96**	**96-97**	**97-98**	**98-99**	**99-2000**	**2000-2001**	**2001-2002**	**2002-2003**	**Total**
1. Culcutta University, University College of Science & Technology *(A State aided University)*										
Chemical Engineering	40									40

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Chemical Technology	40									40
Computer Science & Engineering	30						10			40
Electrical Engineering	16									16
Information Technology							40			40
Instrumentation Engineering	14									14
Opto Electronics	12									12
Polymer Technology	40									40
Radio Physics & Electronics	40									40
Institution Total (Yearwise)	***232***						***50***			***282***
2. Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508/2413-7121 (Year of Establishment-1955)										
Food Technology & Bio-Medical Engineering	20									20
Instrumentation Engineering	20									20
Institution Total (Yearwise)	***40***									***40***
Grand Total at B.Tech (Post B.Sc) level	***272***						***50***			***322***
B.E/B.Tech (Post Diploma) B. E (IT) ; (Post H. S)	**Upto 94-95**	**95-96**	**96-97**	**97-98**	**98-99**	**99-2000**	**2000-2001**	**2001-2002**	**2002-2003**	**Total**
W. B. University of Technology							100			100
							100			100

B. E (Post Diploma)	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Jadavpur University Faculty of Engg & Tech.										
Civil Engineering	40									40
Electrical Engineering	40									40
Mechanical Engineering	40									40
Institution Total (Yearwise)	120									120

Yearwise Growth of intake Capacity	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
in B.E/B.Tech Courses at all levels	2049	2229	2409	2469	3394	4779	6869	8779	10506	

4.1.2 FACILITIES IN POST-GRADUATE LEVEL EDUCATION AT THE M.E/M.TECH LEVEL IN ENGINEERING AND TECHNOLOGY

Name and Address of The Institution	Courses Offered	Intake Capacity	Affiliating University
1) Faculty of Engineering & Technology, Jadavpur University, Jadavpur, Kolkata-32. Ph: (033) 4734044/ 4495/4693 Fax : (033) 473-5508 (033) 413-7121	M. E. in		Jadapur University
	1. Architecture	08	
	2. Chemical Engg.	19	
	3. Civil Engg.	25	
	4. Computer Sc & Engg.	31	
	5. Electrical Engg.	25	
	6. Electronics & Telecom Engg.	25	
	7. Food Tech. & Bio-Chem Engg.	08	
	8. Mechanical Engg.	25	
	9. Metallurgy	10	
	10. Pharmacy	25	
	11. Production Engg	13	
	12. Energy Studies	13	
	13. Bio- Technology	10	
	TOTAL	**237**	

2) Bengal Engineering College (Deemed University), P.O. Botanic Garden, Howrah-711103. Ph: (033) 6684561/ 62/ 63 Fax: (033) 668-2916/ 4564	M. E. in 1. Civil Engineering (i) Structural Engg. (ii) Soil Mechanics and Foundation Engg. 2. Applied Mechanics (i) Hydraulic Engg (ii) Mechanics of fluid (iii) Fluid Power System & Control (iv) Mechanics of Solids. (v) Advanced Mechanics & Theory of Mechanics. 3. Mechanical Engg (i) Heat Power Engg. (ii) Production Engg. (iii) Machine Designs. 4. Electrical Engg. (i) Power System. (ii) Control System (iii) Electrical Machines. (iv) Industrial Electronics. 5. Electronics & Tele communication Engg. (i) Micro-Wave Communication. (ii) Digital System Instrumentation. 6. Metallurgical Engg. 7. Architecture (i) Master of Town and Regional Planning. 8. Computer Sc. & Tech.	20 15 20 20 05 10 10 10	B. E. College
	TOTAL	**110**	
3) Regional Engineering College, Durgapur, Mahatma Ghandhi Avenue, Durgapur-713209.	1. Chemical Engg. (i) Production of Fertilizer and Heavy Chemicals 2. Civil Engg.	65 (Regular)	Burdwan University

(Joint venture of Central & State Govt. run by Board of Governors) Ph: (0343)546397/546406/ 546594/ 546390 Fax: (0343) 547375/ 546753	(i) Structural Engg. 3. Electrical Engg. i) Design, Operation and Maintenance of Electrical System in Steel Plant. 4. Metallurgical Engg. (i) Mechanical shaping of metals. (ii) Extraction Metallurgy and Foundry. (iii) Corrosion Science and Technology		
4) University College of Science & Technology, Calcutta University, Rashbehari Siksha Prangan, Rajabazar, Kolkata Ph: (033) 350-8386/ 6387	M.Tech 1. Radio Physics & Electronics 2. Applied Physics. 3. Computer Science & Engineering 4. Chem. Engg. & Tech. 5. Plastic & Rubber Tech. 6. Atmospheric Science	134	Kolkata University
5) College of Textile Technology, Serampore, Dist.-Hooghly. Ph: (033) 6623156/ 1058	1. Mechanical Processing in Textile Technology	10	Kolkata University
6) West Bengal University of Technology BF-142, Salt Lake, Kolkata-64	M. Tech in Bio-Technology	20	W. B. University of Tech
	GRAND TOTAL	**556**	

4.1.3 MASTER OF COMPUTER APPLICATION (MCA) PROGRAMME :

Upto 1994-95 academic session, there were only three universities viz. Jadavpur University, Bengal Engg. College (D.U.) and North Bengal University which offered MCA course to about 100 students.

Considering the increasing demand of MCA course, the following institutions have started offering the course the academic session, 2001-2002.

i) Kalyani Govt. Engineering College, Kalyni

ii) Siliguri Institute of Technology, Siliguri

iii) Netaji Subhas Engineering College, Kolkata

iv) JIS College of Engineering, Kalyani

v) Bengal Institute of Technology, Kolkata

vi) National Institute of Management, Alipore, Kolkata.

The M.C.A. course has also been introduced in the following institutes from the academic session of 2002-2003 :

i) Kalyani Govt. Engineering College, Kalyni

ii) Siliguri Institute of Technology, Siliguri

iii) JIS College of Engineering, Kalyani

iv) National Institute of Management, Alipore, Kolkata

v) Haldia Institute of Technology, Haldia

vi) Asansol Engineering College, Asansol

vii) Pailan College of Management & Tech.,Diamond Harbour Rd.,Pailan.

viii) Techno India, Salt Lake, Kolkata.

Institutionwise intake for MCA programme is given in the following table :

LIST OF A.I.C.T.E. APPROVED INSTITUTES AND UNIVERSITY FACULTIES/ DEPARTMENTS OFFERING MCA

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
1. Bengal Engineering College, Deemed University, P .O.-Botanic Garden, Howrah-711103, Ph: (033) 668-4561/ 62/ 63 Fax : (033)668-2916/ 4564 (Year of Establishment -1856) D.U-1992										
Computer Application	30									30
Institution Total (Year wise)	**30**									**30**

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
2. Calcutta University, University College of Science & Technology (A State aided University)										
Computer Application							40			40
Institution Total (Year wise)							***40***			***40***
3. Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State aided University) Ph : (033) 473-4044 / 4495; Fax No. : (033) 473-5508/ 413-7121 (Year of Establishment-1955)										
Computer Application	40									40
Institution Total (Year wise)	***40***									***40***
4. Regional Engineering College, Durgapur, Mahatma Gandhi Avenue, Durgapur-713209 (Joint venture of Central & State Govt.) Ph. : (0343)546397/ 546406/ 546594/ 546390 Fax : (0343)-547375/54753 (Year of Establishment-1960)										
Computer Application							40			40
Institution Total (Year wise)							***40***			***40***
5. University of North Bengal, Darjeeling - 734 430.										
Computer Application	30									30
Institution Total (Year wise)	***30***									***30***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
6. Vidya Sagar University, P.O.: Vidyasagar University, Midnapore - 721 102.										
Computer Application							40			40
Institution Total (Year wise)							***40***			***40***
7. Kalyani Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033)5826680/1039 Fax : (033) 5826680 (Year of Establishment-1995)										
Computer Application								30	10	40
Institution Total (Year wise)								***30***	***10***	***40***
8. Haldia Institute of Technology, Dr. B.R.AmbedkarBuilding, City Centre, Debhog, Haldia, Dist.Midnapore, Pin.-721657 (Private Institute) Ph : (03224) 52800 Fax : (03224) 52900 (Year of Establishment-1996)										
Computer Application									60	60
Institution Total (Year wise)									***60***	***60***
9. Asansol Engineering College , Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341)251426/ 252108 (Year of Establishment-1998)										
Computer Application									60	60

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Institution Total (Year wise)									***60***	***60***
10. Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O Panchpota, Dist.24 Parganas (S) Ph: (033)4327520/1285/1286 (Private Institute) (Year of Establishment-1998)										
Computer Application								60	-15	45
Institution Total (Year wise)								***60***	***-15***	***45***
11.Kalyani University ,Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph: (033) 5826680/ 1039 Fax : (033) 5826680 (Year of Establishment-1999)										
Computer Application							30			30
Institution Total (Year wise)							***30***			***30***
12.RCC Institute of Information Technology.College of Leather Technology , (Old Campus), Canal South Road, Beleghata, Kolkata- 700015 (A Govt. aided Institute) Ph: (033) 216-1463/1400 (Year of Establishment - 1999)										
Computer Application							60		-15	45
Institution Total (Year wise)							***60***		***-15***	***45***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
13. Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Siliguri, Darjeeling, (A Private Institute) Ph: (0353) 538860 Fax : 0353-533277 (Year of Establishment-1999)										
Computer Application								30	30	60
Institution Total (Year wise)								***30***	***30***	***60***
14. Bengal Institute of Technology, Tech. Town, P.O.Bamonghata, On Basanti Highway, Kolkata (Private Institute) (Year of Establishment-2000)										
Computer Application								60		60
Institution Total (Year wise)								***60***		***60***
15. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 582-2154/ 582-2137,2138 (Year of Establishment-2000)										
Computer Application								40	20	60
Institution Total (Year wise)								***40***	***20***	***60***
16. Burdwan University, P.O. Rajbati, Dist.Burdwan, Pin-713104 (A Govt. aided Institute) Ph.(0342) 557-800/561-016 Fax.-0342-564452 (Year of Establishment-2000)										
Computer Application							20			20

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	Total
Institution Total (Year wise)							***20***			***20***
17. National Institute of Management, Calcutta, Building No. 117, Command Hospital Complex, Alipore, Calcutta- 700 027.										
Computer Application									30	30
Institution Total (Year wise)									***30***	***30***
18. Pailan College of Management & Tech., Pailan Park Housing Project, Phase-1, Amgachia Road, off Diamond Harbour Road, P.O. Pailan, W. B.										
Computer Application									60	60
Institution Total (Year wise)									***60***	***60***
19. Techno India, Plot No. EM-4/1, Salt Lake Electronic Complex, Sector - V, Kolkata - 700091.										
Computer Application									60	60
Institution Total (Year wise)									***60***	***60***
Grand Total at Total at level	***100***						***230***	***220***	***300***	***850***

Yearwise Growth of intake	***Upto*** **94-95**	**95-96**	**96-97**	**97-98**	**98-99**	**99-2000**	**2000-2001**	**2001-2002**	**2002-2003**
Capacity in MCA Courses	**100**	**100**	**100**	**100**	**100**	**100**	**330**	**550**	**850**

PROPOSED DEVELOPMENT IN ENGINEERING & TECHNOLOGY EDUCATION

1. The State Govt. in the Higher Education Department has already issued no objection certificates for establishment of a few more new private engineering colleges and it is likely that degree courses on emerging areas like Information Technology, Computer Science and Engineering, Electronics & Communication Engineering, Pharmaceutical Engineering, Bio-technology will be introduced in those institutes. Postgraduate courses in Management, Computer Application (MCA) and Bio-technology/Bio-informatics may also be introduced in different Engineering & Technology Colleges / University Departments and Management Institutes.

2. Introduction of postgraduate courses in the College of Leather Technology, Kolkata and the College of Ceramic Technology, Kolkata is under consideration.

3. Further development of infrastructural facilities at all the Govt. Engineering & Technology Colleges of the State.

4. The efforts at development of infrastructural facility for the aided Engineering Institutes would be further supplemented.

5. Action-oriented drive for filling up the vacant posts of faculties & technical supporting staff would be expedited.

4.2 MANAGEMENT INSTITUTES

MANAGEMENT EDUCATION

Organisations today are faced with radical and rapid changes, shrinking resources and intense competition. Companies are looking for individuals who possess a broad range of practical skills and a breadth of knowledge that can be used to solve problems within the organisation. A management graduate is trained and prepared to respond to the opportunities and demands of a highly competitive business environment. Thus, most organisations now recognise the importance of recruiting professionally qualified managers to help provide the skills and direction necessary for an organisation to survive, grow and prosper in this dynamic and challenging environment. Moreover, with the opening up of the economy and markets the world over, the demand for management graduates with a global outlook has increased phenomenally.

In India, the prerequisite to a career in management, is a postgraduate degree, diploma offered by management institutions or departments.

List of Management Institutions Imparting Post-Graduate Level Management Education in the State of West Bengal.

Sl. No.	Name and Adress of the Institution with year of estublishment	Courses Offered	Year of Intro-duction of the course	Intake Capacity	Dura ration	Remarks
1.	Indian Institute of Management Joka, Diamond Harbour Road, Road, Kolkata-700 104 (1961) Ph. No. : (033) 2467-8300/8301/8303/ 8304/8305 Fax No. : 2467-8307 Director@iimcal.ac.in	i) Postgraduate programme in Management (PGDM) ii) Postgraduate programme in Computer Aided Management (PGDCM) iii) Postgraduate programme in Business Management iv) Felloow programme in Management (FPM)	1962 1994 1994	220 60 40	2 Yrs. 2 Yrs. 3 Yrs. 4Yrs	Not affiliated to any University premanently approved by AICTE.
2.	Indian Institute of Social Welfare & Business Management House (Management) House) College Square (West), Kolkata-700 073 (1953) Ph.No.2241-8694/8695 5792/3756 Fax : 2241-3975 E-mail : iiswbm@iiswbm.cdn Website : www.iiswbm.edn	i) Master of Business Administration (FT) ii) Master of Business Administration (MBA) (PT) iii) Postgraduate programme in Business Management (PGDBM) iv) PGD(HRD) v) PGD-Master Degree Transportation & Logistics Management vi) PGD-Master Degree Environment Management vii) PGD-Master Degree Energy Management	1976 1954 1990 1990 1993 1953 1993	90 60 120 30 30 30	2 Yrs. 3 Yrs. 3 Yrs. 3 Yrs. 3 Yrs. 2 Yrs. 3 Yrs.	Affiliated to C.U & approved by AICTE (2002-2005) AICTE (2002-03) AICTE (2002-03) AICTE (2002-03) AICTE (2002-03) AICTE (2002-03) AICTE (2002-03)

		viii) PGD (HOS-M) ix) PGD (HOS-M)	1993 1993	30 30	2 Yrs. 3 Yrs.	AICTE (2002-03) AICTE (2002-03)
3.	Institute of Business Management & Research, 6/1, Swinhoe Street Kolkata-700 019 Estt. - 1976 Ph.no. : (STD.033) 2440-6755/7719 Fax : 2841-0729 E-mail : ibmr@vsnl.com	i) MBA (FT) ii) MBA (PT)	2001-2002 2001-2002	30 30	2 Yrs. 3 Yrs.	Affiliated to West Bengal University of Technology & approved by AICTE (2002-03)
4.	Institute of Modern Management 3A, Loudon Street, Kolkata - 700 017 Estt. 1974 Ph. no. (STD.033) 2247-8625/2280-3116 2247-9010 E-mail:immvua@cal2. vsnl.net.in Website:www. immindia.co4m	i) MBA (FT) ii) MBA (PT) iii) BBA (Hons.) iv) PGDBM v) PGDMN	1974 1974 1974 1974 1974	60 60 60 60 60	2 Yrs. 3 Yrs. 3 Yrs. 1 Yrs. 1 Yrs.	AICTE does approve the courses under the affiliation of Viswa-Bharati University.
5.	Institute of Business Management, (National Council of Education Bengal), Raja S.C. Mallick Road, Kolkata-700 032 Estt.-1984 Ph. no. : (STD.033) 1414-6810/6219/6357 E-mail : ibmnce@cal3. vsnl.net.in	i) Master of Business Administration (M.B.A.)	1985	60	3 Yrs.	Affiliated to Jadavpur University & approved by AICTE (2002-05)

6.	National Institute of Personnel Management 45, Fazlul Haque Sarani (Formerly Jhowtala Road) Kolkata-700 019 Estt. 1980 Ph. : 2247-5650/2280-1759 Fax : 2240-8176 E-mail:nim@cal2.vsnl.net.in	i) Postgraduate Diploma in Personnel Management (PGDPM), (Distance Education)	1978	500	3 Yrs.	Distant Education not approved by any University but approved by AICTE (2000-2001)
7.	Institute of Engineering and Management, Salt Lake, Electronics Complex, Salt Lake Kolkata-700 091 Estt. 1989 Ph. No. (STD) 2357-2059 Fax : 2357-8302	Master of Business Administration (MBA)	1989	45	2 Yrs.	W.B.U.T & approved by AICTE (2002-03)
8.	Institute of Management Science, Bharatiya Vidya Bhavan, Block-FA Sector-III, Salt Lake Kolkata - 700 091 Estt. 2000 Ph. no. (STD).033) 2335-8754/1283/1284 Fax : 2335-1250 E-mail : bimscal@vsnl.net Website : www.bimscal.org	Master of Business Administration (M.B.A)	2000	60 regular	2 Yrs.	Affiliated to K.U/W.B.U.T & approved by AICTE (2002-03)
9.	Eastern Institute of Integrated Learning in Management 6, Waterloo Street,	MBA	1997	60	2 Yrs.	AICTE does not approve the courses under the

	Kolkata - 700 069 Estt. 1997 Ph. No. 2210-0911/0912 0913 Fax : 2210-0909 E-mail : eiilm@vsnl.com					affiliation of Viswa-Bharati University
10.	International Institute of Management Sciences CF-151, Salt Lake Kolkata - 700 064 Estt. 1979 Ph. No. 2337-2592	Postgraduate Diploma in Business Management (PGDBM), (Distance Education)	1979	500	2 Yrs.	AICTE does not approve the courses under the affiliation of Viswa-Bharati University.
11.	Department of Business Administration, University of Burdwan, Rajbati, Burdwan - 713 104 Estt. 1960 Ph. No. 0342-556566/ 556549 Est. 412 Fax : 91-0342-530452	Master of Business Administration (M.B.A) MBA (Tourism)	1983 2000	30 25	2 Yrs.	Affiliated to Burdwan University and approved by AICTE
12.	Department of Business Management, University of Calcutta, Alipore Campus, 1, Reformatory Street, Kolkata - 700 027 Estt. 1985 Ph. No. (STD-033) 2449-9118/2479-1645 Extn.329 E-mail : cumbm@cal3. vsnl.net.in	Master of Business Management (M.B.M.)	1976	30	2 Yrs.	Approved by AICTE (2000-2001)
13.	Deptt. of Human Resource Management, B.E. College (D.U.), P.O. Botanical Garden, Howrah-711 103	Master of Business Administration (M.B.A.)	1999	40	2 Yrs.	Approved by B.E. College (D.U.) approved by

	Estt.-1956(elevated to the status of D.U. in the year 1983), Ph. No. 2668-4561/ 4562/4563 Fax : 2668-4564 E-mail : v.c.@becsac.in					AICTE (2002-04)
14.	National Institute of Management, Kolkata (Judges Court Road) Opposite Alipur Telephone Exchange, Alipore Kolkata - 700 027 Estt. 1997 Ph. No. - 2439-8335/37/38 Fax : 2479-4929 E-mail : nim-cal@hotmail.com	Master of Business Administration (M.B.A.)	1997	60	2 Yrs.	Approved by W.B.U.T and approved by AICTE
15.	Indian Centre for Advancement of Research & Education (Haldia Institute of Technology) P.O. Debhog, City Centre Midnapur, Pin-721 657 Estt. - 1996 Ph. No. (03224) 252-900/ 800/850 Fax : 03224-252-800 E-mail : kgp-hit-123@ sancharnet.in	Master of Business Administration (M.B.A.)	2002	60	2 Yrs.	Approved by W.B.U.T. and AICTE 2002-03
16.	JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia - 741 235 Estt. - 2000 Ph. No. : 2580-8640/ 2582-2165 Fax : 2582-2138	i) Master of Business Administration (M.B.A.)	2002	60	2 Yrs.	Approved by W.B.U.T. and AICTE 2002-03

17.	Pailan College of Management & Tech. Pailan Park, Housing project, Phase-1 Amgachia Road, P.O. Pailan W.B. Estt. - 2002 Ph. No. 2497-8006/8007 Fax : 2453-5605	Master of Business Administration (M.B.A.)	2002	60	2 Yrs.	Approved by W.B.U.T. and AICTE 2002-03
18.	Department of Business Administration Kalyani University Estt. 1964 Ph. No. : 2582-8378/8286 Fax : 2582-8282	Master of Business Administration (M.B.A.)	2001	60	2 Yrs.	Approved by AICTE 2002-2005

The State Government has also received a number of proposals for establishment of Management Institutes for conducting Postgraduate Courses in Business Administration/Management from the academic session of 2002-2003. These proposals are under considerations. "No-Objection Certificates" may be issued considering the importance and demand for this discipline of education and infrastructure developed in the applicant institutes. All India Council for Technical Education (AICTE) will, however, give the final approval.

CHAPTER – 5

UNIVERSITIES

5.1 General Information

5.2 Calcutta University

5.3 Jadavpur University

5.4 Rabindra Bharati University

5.5 Burdwan University

5.6 Kalyani University

5.7 North Bengal University

5.8 Vidyasagar University

5.9 Netaji Subhas Open University

5.10 West Bengal University of Technology

5.11 Bengal Engineering College (Deemed University)

5.12 Correspondence Courses in Universities

5.13 U.G.C. Recommendations for the Ninth Plan

CHAPTER – 5

UNIVERSITIES

5.1 GENERAL INFORMATION :

Nine universities and a Deemed university come under the administrative jurisdiction of the Department of Higher Education. A list of the universities is given below. The Department has in recent years set up two universities. The Netaji Subhas Open University was established in 1997 for the education of the distant learners. The West Bengal University of Technology was set up in 2000 to improve the quality of instruction and research in science and technology.

The Bidhan Chandra Krishi Viswavidyalaya (BCKV) comes under the jurisdiction of the Department of Agriculture. A university for the study of animal sciences and fisheries was created out of the BCKV in 1995 by the Department of Animal Resource Development. A new agricultural university, Uttar Banga Krishi Viswavidyalaya was also carved out of the BCKV in 2001. The West Bengal National University for Juridical Sciences under the jurisdiction of the Department of Law started functioning in 2000. Recent addition to the universities in the State is The West Bengal University of Health Sciences which started functioning from 1st January,2003.

5.1.1 NAME OF THE STATE AIDED UNIVERSITIES WITH THEIR TERRITORIAL JURISDICTION IN THE STATE OF WEST BENGAL.

UNIVERSITIES UNDER THE JURISDICTION OF THE DEPARTMENT OF HIGHER EDUCATION

Name of The University	Date of Establishment	Address	Territorial Jurisdiction
1. University of Calcutta	24 January, 1857	College Street, Senate House, Calcutta-700 073, other campuses at A.P.C. Road, B.T. Road, Ballygunge Circular Road, Hazra Road, Alipur, College of	The whole of the West Bengal excluding the area of jurisdiction of other Universities established by law within West Bengal. The jurisdiction of the Calcutta University extends to the districts of

UNIVERSITIES

Name of The University	Date of Establishment	Address	Territorial Jurisdiction
		Medicine Campus and Judges Court Road Campus.	Howrah, North & South 24 Parganas (excluding Bijpur P.S of North 24 Parganas) and the Calcutta district, excluding some colleges (See the list of the colleges in the appendix) and Serampore subdivision of the district of Hooghly.
2. Jadavpur University	24 December, 1955	Jadavpur, Calcutta-700 032, 2nd campus at Salt Lake.	A radius of two miles from the university office at Jadapur.
3. University of Burdwan	15 June 1960	Rajbati, Burdwan, Dist Burdwan. Pin-713 104	Districts of Burdwan, Bankura, Birbhum, Purulia, and Hooghly (excluding Serampore subdivision).
4. University of Kalyani	1 November, 1960	Kalyani, District-Nadia Pin-741 235	Districts of Nadia, Murshidabad and Bijpur Police Station of North 24 Parganas.
5. Rabindra Bharati University	8 May, 1962	56A, B.T. Road, Calcutta-700 050 and other campus at 6/4 Dwarakanath Tagore Lane, at Jorasanko	All Institutions in the State teaching dance, drama, music and visual arts (except the Government College of Art & Craft).
6. University of North Bengal	1 July, 1962	Raja Rammohanpur, P.O.-North Bengal University, Dist. Darjeeling, Pin-734 430.	Districts of Coochbehar, Darjeeling, Jalpaiguri, Malda, North Dinajpur and South Dinajpur.
7. Vidyasagar University	29 September, 1981	P.O. - Vidyasagar University, Dist - Midnapur, Pin-721 102.	District of Midnapore.

Name of The University	Date of Establishment	Address	Territorial Jurisdiction
8. Netaji Subhas Open University	20 August 1997	1, Woodburn Park, Calcutta-700 020.	The whole of West Bengal.
9. West Bengal University of Technology	7 August 2000	43, Shakespeare Sarani, Calcutta-700 017	The whole of West Bengal.
10. Bengal Engineering College (Deemed University)	1856 as a Govt. college Deemed University Status in 1992	Shibpur, Howrah-711 103.	Demed University (Residential.)

UNIVERSITIES UNDER THE JURISDICTION OF OTHER DEPARTMENTS OF THE STATE GOVT.

1. Bidhan Chandra Krishi Viswavidyalaya	1st September, 1974	P.O. Krishi Viswavidyalaya, Mohanpur, Nadia Pin-741 252	The whole of West Bengal
2. University of Animal and Fishery Sciences	2 January, 1995	37 & 68, Khudiram Bose Sarani, Belgachia, Calcutta-700 037.	The whole of West Bengal
3. W.B. National University of Juridical Sciences	22 April, 2000	Aranya Bhaban 10A, LA Block, Salt Lake, Eastern Bypass, Calcutta-700 091	The whole of West Bengal
4. Uttar Banga Krishi Viswavidyalaya	1 February, 2001	P.O.-Pundibari Dist-Cooch Behar	Malda, South Dinajpur, North Dinajpur, Darjeeling Jalpaiguri, Cooch Behar
5. West Bengal University of Health Sciences	2nd February, 2002	DD-36, Sector-I, Salt Lake Kolkata-64	The whole of West Bengal

5.1.2 FINANCIAL GRANTS RELEASED TO THE STATE-AIDED UNIVERSITIES, B.E. COLLEGE (D.U.) AND W.B. STATE COUNCIL OF HIGHER EDUCATION FROM HIGHER EDUCATION DEPARTMENT DURING 2--2-2003

(Rs in lakhs)

Sl. No.	Name of the Universities	Salary grants released (Non-Plan)	Other grants released (Non-Plan)	Grants released under other heads of account (Non Plan)	Total grants released (Non-Plan)	Salary grants released (Plan Head)	Other grants released (Plan Head)	Grant released for (Plan Head)	Grants released for Books, Journals (Plan Head)	Total Grants released (State Plan)	Re marks
(1)	(2)	(3)	(4)	(5)	(6) (3)+(4)+(5)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Calcutta	6070.39	560.00	14.25	**6644.64**	-	-	35.58	20.00	**55.58**	
2.	Jadavpur	4738.90	520.00	27.02	**5285.92**	-	-	56.18	16.00	**72.18**	
3.	Kalyani	1640.00	320.00	28.27	**1988.27**	-	-	40.00	8.00	**48.00**	
4.	Burdwan	2500.00	272.00	31.89	**2803.89**	-	-	30.82	8.00	**38.82**	
5.	North Bengal	1632.50	272.00	19.55	**1924.05**	-	-	4.20	6.00	**10.20**	
6.	Rabindra Bharati	955.00	84.00	3.00	**1042.00**	-	-	-	4.00	**4.00**	
7.	Vidyasagar	372.50	82.07	1.89	**456.46**	-	-	13.75	-	**13.75**	
8.	B.E. College (D.U.)	1026.16	107.38	53.22	**1186.76**	-	-	38.94	20.43 (Equipment only)	**59.37**	
9.	Netaji Subhas Open University	-	-	-	-	39.60	14.08	-	-	**53.68**	
10.	W.B. State Council of Higher Education	-	0.20	-	**0.20**	15.32	8.00	1.67	-	**24.79**	
11.	W.B. University of Technology	-	-	-	-	27.05	-	25.80	-	**52.85**	

a departmental committee in each of them. The Head of the Department is the Chairman of the said committee. The Board of Studies under each Faculty Council plans and reviews the syllabus and assists the examination process.

5.2 CALCUTTA UNIVERSITY

Date of Establishment: 24th January 1857

The University is guided by Calcutta University Act ,1979

email : registrar@cuccernet.in

The Calcutta University along with the Bombay University and the Madras University was established in 1857. The university is now being governed by the Calcutta University Act, 1979 which came into force on February 10, 1983.

The Calcutta University affiliates colleges mostly at the under-graduate level and also offers courses directly at the post-graduate level. A number of universities have been established in the State to lighten the burden of the Calcutta University. Its jurisdiction has now been limited to the districts of North and South 24-Parganas (except the Bijpur Police Station area of the former district), the district of Howrah as well as Serampur subdivision of the Hooghly district. Even so, the number of colleges affiliated by the University is 204. The university has allowed a few colleges such as the Presidency College, the Maulana Azad college and the Dinabandhu Andrews College to teach at the post-graduate level.

The Calcutta University has four campuses, namely, ASHUTOSH SHIKSHYA PRANGAN at College Street, RASHBEHARI SHIKSHYA PRANGAN at Rajabazar, TARAKNATH SHIKSHYA PRANGAN at Ballygunge Circular Road and SAHID KHUDIRAM SHIKSHYA PRANGAN at Alipore. It has 58 departments and offers 80 courses to nearly 12,000 post-graduate students.

The university monitors and awards Ph. D. degrees to research scholars. On an average, the Ph.D. degree is awarded to 175 students each year. According to a **NISSAT** report, in terms of output and impact, the university is among the first ten universities of the country in research on science and technology. **The UGC** has awarded **CAS/DSA/DRS/COSIST** programmes to more than fifteen departments of the university on the basis of research performance

The four major campuses of the university have leased line access to the **VSNL** server. Through optical fibre network different departments and faculty members get access to e-mail and Internet facilities by router system. The central library is automated by using **SOUL** developed by **IFILIBNET.**

The university has created the B.C. Guha Center for Genetic Engineering and Biotechnology and the S.N. Pradhan Institute of Neuroscience with financial assistance from NRIs and eminent individuals. The State Government and the Government of India have also extended financial assistance to the B.C. Guha Centre.

The National Assessment and Accreditation Council (NACC) visited the university and awarded a five star status to it in May 2001.

5.2.1 VARIOUS DEPARTMENTS OF THE UNIVERSITY AS LOCATED IN DIFFERENT CAMPUSES ARE INDICATED BELOW :

(a) ASHUTOSH SHIKSHYA PRANGAN, College Street, Ph. 241-00716 lines.
Teaching Departments :
Arabic & Persian, Bengali, Commerce, English, French, Hindi, Library Science, Linguistics, Pali, Tamil, Urdu, Journalism and Sanskrit.

(b) RASHBEHARI SHIKSHYA PRANGAN, Rajabazar, Ph. 350-8386/6387
Teaching Departments :
Applied Chemistry, Applied Mathematics, Applied Physics, Applied Psychology, Bio-Physics, Molecular Biology & Genetic Engineering, Centre for Atmospheric Science, Chemical Engineering, Chemical Technology, Chemistry, Computer Science, Electronic Science, Physics, Physiology, Radio Physics & Electronics, Polymer Science.

(c) TARAKNATH SHIKSHYA PRANGAN, Ballygunge Circular Road, Ph. 475-3680-82/4681
Teaching Departments :
Agriculture, Anthropology, Bio-chemistry, Botany, Geography, Geology, Marine Science, Pure Mathematics, Statistics, Zoology, Bio-technology.

(d) HAZRA ROAD CAMPUS, Hazra Road, Ph. 475-5801
Teaching Departments :
Archaeology, Law, South & South East Asian Studies.

(e) SAHID KHUDIRAM SHIKSHYA PRANGAN, Alipore, Ph. 479-1645/2861
Teaching Departments :
Education, Philosophy, Political Science, Sociology, History, Islamic History & Culture, Ancient Indian History & Culture, Museology, Master of Business Management

(f) THE CENTRE OF URBAN STUDIES : B. T. Road Campus, B.T. Road, Ph. 557-5082
Teaching Department :
Economics.

(g) COLLEGE OF MEDICINE CAMPUS, Acharya J. C. Bose Road, Ph. 248-2041/2084
Teaching Departments :
Anatomy, Bio-Chemistry, Medical Microbiology & Parasitology, Pathology, Pharmacology, S. N. Pradhan Centre for Neuroscience.

(h) JUDGES COURT ROAD CAMPUS, Judges Court Road, Alipore, Ph. 479-5594

Teaching Department :
Viharilal College of Home and Social Science.

5.2.2 FACULTIES & DEPARTMENTS

A list of FACULTY COUNCILS (9) of the university together with the university departmentsattached thereto are given below.

(i) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS
Departments of Ancient Indian History & Culture, Arabic & Persian, Archaeology, Bengali Language and Literature, Economics, English, French, Hindi, History, Islamic History & Culture, Linguistics, Museology, Pali, Philosophy, Political Science, Sanskrit, Sociology, South and South-East Asian Studies, Tamil, Urdu.

(ii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN COMMERCE, WELFARE & BUSINESS MANAGEMENT
Departments of Business Management, Commerce.

(iii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN MEDICINE, NURSING, HOMOEOPATHY, AYURVEDIC AND DENTAL SCIENCE
Departments of Anatomy, Bio-Chemistry, Medical Micro-Biology & Parasitology, Pathology, Pharmacology, Physiology, Neuro Science (Med.).

(iv) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN LAW
Department of Law.

(v) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN EDUCATION, JOURNALISM AND LIBRARY SCIENCE
Departments of Education, Journalism, Library Science.

(vi) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN FINE ARTS, MUSIC AND HOME SCIENCE
Departments of Home Science.

(vii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ENGINEERING AND TECHNOLOGY
Departments of Applied Physics, Chemical Technology, Chemical Engineering, Computer Science and Engineering, Polymer Science, Radio Physics & Electronics.

(viii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE
Departments of Anthropology, Applied Mathematics, Applied Psychology, Bio-Chemistry, Bio-Physics, Botany, Chemistry, Geography, Geology, Marine Science, Molecular Biology

& Genetics, Physics, Physiology, Pure Mathematics, Statistics, Zoology, Atmospheric Science, Electronic Science, Psychology.

(ix) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN AGRICULTURE & VETERINARY SCIENCE
Department of Agriculture.

5.2.3 COUNCIL FOR UNDERGRADUATE STUDIES

(i) COUNCIL FOR UNDER-GRADUATE STUDIES IN ARTS, SCIENCE, COMMERCE, HOME SCIENCE, FINE ARTS AND MUSIC.

(ii) COUNCIL FOR UNDER-GRADUATE STUDIES IN MEDICINE, DENTAL SCIENCE, HOMOEOPATHY, VETERINARY SCIENCE, NURSING AND AYURVED.

(iii) COUNCIL FOR UNDER-GRADUATE STUDIES IN ENGINEERING AND TECHNOLOGY.

5.2.4 The following departments of the University have been recognised by the UGC as Centres of Advanced Study (CAS) in the Thrust Areas :

Departments of Applied Mathematics, Botany, Chemistry, Radio Physics & Electronics.

Thrust Area :

Applied Mathematics, Chromosome Cell, Natural Products, Radio Physics & Electronics.

5.2.5 The following departments of the University have been selected as Departments for Special Assistance (DSA) by the U. G. C. :

Departments of Bio-Chemistry, Commerce, Economics, History, Political Science, Zoology.

5.2.6 Grants under the COSIST Scheme of the U. G. C. have been sanctioned in favour of the following Departments of the University :

Departments of Radio-Physics & Electronics, Botany, Statistics, Bio-Chemistry, Geology, Zoology.

In addition to the courses of various departments mentioned above, a number of courses are offered by other constituent Colleges/Institutions of this University as given below :

5.2.7 LIST OF CONSTITUENT COLLEGES/INSTITUTIONS OF THE UNIVERSITY

NAME OF THE INSTITUTION	COURSES OFFERED
Institute of Jute Technology	B.Tech & Diploma in Jute Technology
Indian Institute of Social Welfare and Business Management	Diploma in Social Welfare, M.B.A. & some other P.G. Management courses
Medical College, Calcutta	M.D., D.F.M., D.T.C.D.
R.G.Kar Medical College	D.G.O.
N.R.S. Medical College	M.Ch (Ped. Sug.)
Shyamadas Baidya Sastrapith	M.D. (Ayurvedic Medicine)
Dr. R. Ahmed Dental College	M.D.S.
All India Institute of Hygiene and Health	M.D.(S.P.M.) , M.E..(P.H.), M.V.(P.H.), DDH, Public DMCW, etc.
Institute of Post-Graduate Medical Education & Research	M. Ch. (Plastic Surgery) M. Ch. (Neuro Surgery) M. D. (Ph. Medicine)
School of Tropical Medicine	M. D. (T.M.)M. T. M. & H.
Presidency College	M.Sc. in Physics, Chemistry, Zoology, Geology
P. G. Training College, Banipur	M.PED, MED
Government College of Art & Craft	M.V.A
Maulana Azad College	Zoology
Dinabandhu Andrews College	Zoology

5.2.8 Name of the courses taught by the University directly: (Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.

Sl. No.	Department	Subject	Course with Intake Capacity	Selection Criteria In order of Merit
1.	Chemical Engineering	Chemical Engineering	B. Tech. - 36 M. Tech. - 24	 "
2.	Chemical Technology	Oil Technology Pharmaceutical & Fine Chem.Petroleum & Petrochemicals	B.Tech. M. Tech.	"

UNIVERSITIES

Sl. No.	Department	Subject	Course with Intake Capacity	Selection Criteria In order of Merit
3.	Computer Science	Computer Science	B.Tech. - 30 M. Tech.- 10	"
4.	Radio Physics & Electronics	Radio Physics & Electronics	B. Tech. - 40 M. Tech.- 25	" "
5.	Polymer Science	Polymer Science	B. Tech. - 30 M.Tech. - 12	"
6.	Applied Physics	Electrical - Instrumentation - Optics -	B.Tech -14 M.Tech –12 B.Tech -16 M.Tech –12 B.Tech -12 M.Tech –12	"
7.	Atmospheric Science	Atmospheric Science	M. Tech. - 10	"
8.	Agriculture	Genetics ,.Plant Breeding & Plant Protection, Horticulture, Agronomy, Agriculture Chemistry & Seed Technology,	M.Sc - 65	"
9.	Physiology (Sc.)	Physiology (Sc.)	M.Sc. - 39	"
10.	Electronic Science	Electronic Science	M. Sc.-20	"
11.	Anthropology	Anthropology	M.Sc. - 28	"
12.	Applied Math	Applied Math	M.Sc. - 44	"
13.	Psychology	Psychology	M. Sc. - 34	"
14.	Pure Math.	Pure Math	M. Sc. - 71	"
15.	Physics	Pure Physics	M.Sc. - 70	"
16.	Applied Psychology	Applied Psychology	M.Sc. - 34	"

Sl. No.	Department	Subject	Course with Intake Capacity	Selection Criteria In order of Merit
17.	Statistics	Statistics	M.Sc. - 30	"
18.	Chemistry	Pure Chemistry	M.Sc. - 70	"
19.	Botany	Botany	M.Sc. - 50	"
20.	Zoology	Zoology	M.Sc. - 71	"
21.	Marine Science	Marine Science	M.Sc. - 18	"
22.	Home Science	Home Science	M.Sc. - 53	"
23.	Biochemistry (Sc.)	Biochemistry	M.Sc. - 60	"
24.	Geography	Geography	M.Sc. - 115	"
25.	Geology	Geology	M.Sc. - 28	"
26.	Bio-Physics Molecular Biology and Genetics	Bio-Physics Molecular Biology and Genetics	N.A.	
27.	English	English	M.A - 220	"
28.	French	French	M.A - 10	"
29.	Economics	Economics	M.A - 220/10	"
30.	Ancient Indian History and Culture	Ancient Indian History and Culture	M.A - 110	"
31.	Hindi	Hindi	M.A - 94	"
32.	History	History	M.A - 150	"
33.	Islamic History Culture	Islamic History Culture	M.A - 152	"
34.	Journalism	Mass Communication and Journalism	M.A - 74	"
35.	Museology	Museology	M.A - 20	"
36.	Pali	Pali	M.A – 28	"
37.	Arabic & Persian	Arabic & Persian	M.A - 55	"

Sl. No.	Department	Subject	Course with Intake Capacity	Selection Criteria In order of Merit
38.	Archaeology	Archaeology	M.A – 24	"
39.	Bengali	Bengali Language	M.A - 381	"
40.	Linguistics	Linguistics	M.A - 80	"
41.	Philosophy	Philosophy	M.A - 210	"
42.	Political Science	Political Science	M.A - 220	"
43.	Sanskrit	Sanskrit	M.A - 138	"
44.	Sociology	Sociology	M.A - 55	"
45.	Tamil	Tamil	M.A	
46.	Urdu	Urdu	M.A - 76	"
47.	Commerce	Commerce	M.Com -D-350 E-440	"
48.	South & South East Asian Studies	South & South East Asian Studies	M. Phil	
49.	Education	Education	B.Ed/M.Ed - 126	"
50.	Library Sc. & Inf.	Library Sc. & Inf.	B. Lib - 110 M. Lib - 15	
51.	Law	Law	L.L.B - 157 L.L.M - 20	"
52.	Business Management	Business Management	M.B.M - 33	"
53.	Med. Microbiology & Parasitology			
54.	Pharmacology	Pharmacology	M.D	
55.	Physiology (Medi.)	Physiology (Medi.)	M.D	
56.	Anatomy	Anatomy	M.D., M.S	
57.	Biochemistry (Medi)	Biochemistry	M.D/M.S	
58.	Pathology	Pathology	M.D	

PROGRAMMES	No's
Certificate Course	14
Diploma (UG)	10
Diploma (PG)	29
M.Phil	16
Ph. D	All 58 P.G. Departments

5.2.9 TYPES OF COLLEGES/ INSTITUTIONS

1. General Degree Colleges (B.A./ B.Sc. / B. Com.) - 155
2. B. Ed. Colleges/ Departments/ Physical Education Colleges -13
3. Art College – 2
4. Music Colleges – 1
5. Law Colleges – 3
6. Medical/Homeo/ Ayurvedic Colleges etc. – 24
7. Horticulture Institute / Management Institute– 1

5.2.10 RESEARCH SCHEMES/ PROJECTS

At present 241 research schemes/ projects are being carried in different Departments of the University. The total number of research scholars registered in these schemes is 247.

5.2.11 ACADEMIC STAFF COLLEGE

The University of Calcutta set up the Academic Staff College (ASC) in November, 1980 with the purpose of developing awareness of linkage between society, environment and higher education. The UGC has been supporting the ASC with full financial assistance.

5.2.12 VOCATIONAL STREAMS IN UNDER-GRADUATE COLLEGES

The UGC has permitted thirty three affiliated colleges to teach vocational courses from the 1994 academic session. It has sanctioned financial grant for developing necessary infrastructure and other facilities for these colleges .for a period of five years.

The students may select one vocational subject as a pass subject for which 200 marks are allotted. The duration of the vocational course is 3 years. Each vocational course is associated with practical classes. The vocational courses have been introduced in the following colleges under the Calcutta University :

UNIVERSITIES

Name of the Colleges	Name of the Vocational Courses
Asutosh College, Calcutta	Industrial Fish & Fisheries.
Acharya Prafulla Chandra College, Calcutta	Industrial Fish & Fisheries, Communicative English, Advertising and Sales Promotion & Sales Management.
Jaipuria College, Calcutta	Functional Hindi, Office Management and Secretarial Practice, Tax- Procedure & Practice
F. C. College, South 24 Parganas	Computer Application, Tax Procedure & Practices, Tourism & Travel Management.
Gokhale Memorial Girls' College, Calcutta	Clinical Nutrition & Dietetics, Communicative English, Advertising, Sales Promotion & Sales Management.
R. K. Mission, Belur	Industrial Chemistry, Computer Application.
Viharilal College of Home Science	Communicative English, Clinical Nutrition & Dietics.
Bidhanchandra College, Hooghly	Office Management & Secretarial Practice.
Umeschandra College, Calcutta	Office Management & Secretarial Practice.
Surendranath College for Women, Calcutta	Communicative English.
Jogamayadevi College, Calcutta	Communicative English
Bijoy Krishna Girls' College, Howrah	Computer Applications
Sorojini Naidu College for Women,	Communicative English, Computer
North 24-Parganas	Applications
Rishi Bankimchandra College, North 24-Pgs.	Computer Application
Bangaon Dinabandhu Mahavidyalaya	Industrial Fish And Fisheries
Scottish Church College	Food Science & Quality Control

Name of the Colleges	Name of the Vocational Courses
Dum Dum Motijheel College of Commerce (formerly Dum Dum Motijheel Evening College of Commerce)	Office Management and Secretarial Practices, Tax Procedures and Practices, Tourism and Travel Management.
Bankim Sardar College	Seed Technology
St. Paul's Cathedral Mission College	Communicative English, Functional Hindi.
Mrinlaini Datta Mahavidyapith	Communicative English Advertising, Sales Promotion and Sales Management, Tourism and Travel Management, Offices Management & Secretarial Practices.
Maharaja Srish Chandra College	Tourism and Travel Management, Offices Management & Secretarial Practices.
Rishi Bankim Chandra College	Bio-technology, Seed Technology.
Bidhan Chandra College	Communicative English, Tax Procedures and Practices, Computer Applications.
Baruipur College	Communicative English, Tourism and Travel Management, Office Management and Secretarial Practice.
Purash Kanpur Haridas Nandi Mahavidyalaya	Communicative English, Office Management and Secretarial Practice, Computer Applications.
Sundarban Mahavidyalya	Industrial Fish and Fisheries, Computer Applications, Communicative English.
Brahmananda Keshab Chandra College	Industrial Fish and Fisheries.
Budge Budge College	Computer Applications, Computer Maintenance, Office Management and Secretarial Practice, Industrial Chemistry, Tax Practice & Procedure.

Name of the Colleges	Name of the Vocational Courses
Shyampur Siddheswari Mahavidyalaya	Computer Applications. Principles & Practice of Insurance, Tourism and Travel Management.
Jogesh Chandra Chaudhuri College	Computer Application, Taxation Procedure, Communication English.
Bhairab Ganguly College	Advertisement, Sales Promotion and Sales Management.
Serampore College	Industrial Fish and Fisheries. Communicative English Tax Procedures and Practices.
Ramkrishna Mission Vivekananda Centenary College	Sericulture
Dinabandhu Andrews College	Sericulture

5.2.13 Highlights of the activities of the University during 2002-2003

1. Two-year M.Sc. course in Environmental Science running in the Department of Biochemistry and the one-year-and-a-half M. Tech. course in Atmospheric Science have now- been brought under a single umbrella of the Institute of Environmental and Atmospheric Science for offering t\vo-year M.Sc. course in Atmospheric Science and two-year M.Sc. course in Environmental Science. The Institute will be located in the erstwhile History Complex at Hazra Road and appropriate infrastructure as far as possible is being e provided from the internal resources of the University.

   We are contemplating to create a Directorate of Distance Education through which Degrees are intended to be offered through Distance Learning.

2. The Universit.'- has also reallocated some of the approved teaching posts for other courses in frontline areas, namely for the t\vo-year M.Sc. course in Microbiology, two-year M.Sc. course in Environmental Science, two-year M.Sc. course in Biotechnolog)' running in the department of Biochemistry and for the two-year M.Sc. course in Computer and Information Science running in the department of Computer Science & Engineering.

3. With the concurrence of the AI CTE and the Govt, ofWest Bengal The University had started three year MCA course in the Computer Centre. Students of the MCA course are being charged a tuition fee of Rs. 3000.00 per month. In view of the fact that the Centre did not have any whole time staff of its own, a Memorandum Of Understanding was signed with the CMC Ltd. for sharing a part of our teaching load for the MCA students- As

per the agreement, we have been paying fifty percent of the tuition fees collected by us from the students for tllose semesters for which the CMC Ltd. is involved. Recently some of the already approved teaching posts of the Universit)' for other departments have been reallocated by the Syndicate for the three year MCA course running in the Computer Centre.

5.3 JADAVPUR UNIVERSITY

Year of Establishment: 24th December, 1955
The University is governed by the Jadavpur University Act, 1981
Website : www.jadavpur.edu
Email : rkbju@hotmail.com.

The main campus of the university is located at Jadavpur in the southern part of Calcutta. The university also has a campus at Salt Lake. It conducts both under-graduate and post-graduate courses and offers doctoral programmes.

The Jadavpur University owes its origin to the Dawn Society, established in 1902 by Shri Satish Chandra Mukherjee. The society was the result of the national upsurge for the liberation of education from British domination. The vision of the Dawn Society took a practical shape in the birth of the National Council of Education on the 11th of March, 1906. The objective of the Council was "to impart education, literary and scientific as well as technical and professional on national line and exclusively under national control, not in opposition to, but standing apart from the existing system of primary, secondary and collegiate education, attaching special importance to a knowledge of the country, its literature, history and philosophy and designed to incorporate with the best Oriental ideals of life and thought, the best assimilable ideals of the West, and inspire students with a genuine love for and desire to serve the country". This statement made nearly fifty years before the independence of India remains relevant even today. Another institution especially meant for technical education was started simultaneously by Sri Tarak Nath Palit, which was later amalgamated with the National Council of Education in 1910. Thus came into being the Bengal National College, which was renamed the College of Engineering and Technology in 1928. The college attained its present status of a university on 24th December 1955 with three faculties of Arts, Science and Engineering & Technology.

5.3.1 FACULTIES & DEPARTMENTS

UNDER-GRADUATE COURSES :

A. FACULTY OF SCIENCE :
B.Sc. Hons. (Day Course) – 3 Years
Chemistry, Geological Science, Mathematics, Physics.

B. FACULTY OF ARTS :
B.A. Hons. (Day Course) - 3 years
Bengali, Comparative Literature, Economics, Political Science, Sanskrit, Philosophy English, History, Library & Information Science, Physical Education.

C. FACULTY OF ENGINEERING & TECHNOLOGY : *
B.E.(Day courses) - 4 years

Civil Engineering, Electrical Engineering, Metallurgical Engineering, Production Engineering, Printing Engineering, Chemical Engineering,, Computer Science & Engineering, Construction Engineering, Electronics & Telecom Engineering, Mechanical Engineering, Pharmaceutical Technology , Power Plant Engineering , Information Technology.

B.Tech. (Post B.Sc.) (Day courses) - 3 years

(i) Instrumentation Engineering

Food Tech. & Bio-Chem. Engineering B.Arch. (Day Course) - 5 years.

POST-GRADUATE COURSES :

A FACULTY OF ARTS :
M.A. Day 2 years. Evening Course 3 Years
Bengali, English, History, Library & Information Science, Sanskrit, Physical Education, Comparative Literature, Economics, International Relations, Philosophy, Film Studies.

B. FACULTY OF SCIENCE:
M. Sc. Course (Day) - 2 years
Chemistry, Electronic Science, Mathematics, Physics, Applied Geology, M. Tech. in Biotechnology.
M. Phil in Environmental Science
M.Sc. Course (evening) 3 years in Physics ,Chemistry and Mathematics.

C. FACULTY OF ENGINEERING & TECHNOLOGY : *
M.E. / M. Tech. / M.Arch. / M.Pharm.
Architecture, Civil Engineering, Electrical Engineering, Food Technology & Biochemical Engineering.
Metallurgical Engineering , Production Engineering, Chemical Engineering, Computer Science & Engineering.
Electronics & Telecommunication Engineering, Mechanical Engineering, Pharmaceutical Technology, M. Tech. in Energy Science & Technology, Master of Bio-Medical Engineering.
Master in Computer Application (MCA).
Course of 3 years duration.

D. M. Phil in Arts - 2 years.
Bengali, English , History, Philosophy,
Comparative Literature, Economics, International Relations, Sanskrit.

E. Following Languages courses are also conducted by the university –
(i) Bengali, (ii) French, (iii) German, (iv) Portuguese, (v) Russian, (vi) Sanskrit, (vii) Tamil

5.3.2 SCHOOLS OF STUDIES IN THE UNIVERSITY

i) Advanced Studies on Industrial Pollution Control Engineering, ii) Archaeological Dating, iii) Bio-Science & Engineering, iv) Education Technology, v) Environment Studies, vi) Energy Studies, vii) International Relations and Strategic Studies, viii) Illumination Science, Engineering & Design, ix) Media Communication & Culture, x) Material Science and Technology, xi) Oceanographic

Studies, xii) Water Resources Studies, xiii) Women's Studies, xiv) Laser Science & Engineering, xv) Natural Product Studies.

5.3.3 CENTRES IN THE UNIVERSITY

1. Computer Aided Design, 2. Human Settlement Planning, 3. IC Design and Fabrication, 4. Knowledge Base System, 5. Microprocessor Application for Training, Education and Research, 6. Plasma Studies, 7. Quality Management System, 8. Relativity and Cosmology Research, 9. Surface Science, 10. Transport Studies, 11. University Science and Instrumentation, 12. Condensed Matter Physics Research, 13. European Studies, 14. Marxian Studies, 15. Refugee Studies, 16. Indology, 17. Thermal Power & Process Management, 18. Nuclear and Particle Physics Research, 19. Mathematical Biology & Ecology, 20. Tagore Studies, 21. Cognitive Science, 22. Counselling Services & Studies in Self-Level, 23. Distributed Computing.

5.3.4 AFFILIATED COLLEGES / INSTITUTES

(i)	Jadavpur Vidyapith College of Education
(ii)	Smt. J. D. Birla College of Home Science
(iii)	Institute of Business Management
(iv)	Marine Engg. & Research Institute (Only course affiliated)

5.3.5 RESEARCH PROGRAMME & THRUST AREAS, PROJECT ACTIVITIES ETC.

Several Departments of J.U. have been identified by the University Grants Commission for Special Assistance, Centres for Advanced Studies, COSIST Programmes & others for its excellence in research. A good number of projects are granted by AICTE, DOE, AERB, DAE, DRDO, DST etc.

5.3.6 Status Report in connection participation in Seminar/Symposium/Workshop

I. NSS activities during 2002-2003

Sl. No.	Enrolment	Type of Activity	Title of Activity	Venue	No. of Partici-pants	Date
1.	Total 3500	Regular	Sanitation & Hygine Programme(Seminar)	H.L.Roy Building, Jadavpur University	125	04.10.2002
2.	"	"	Beautification & Cleaning	Jadavpur University	1000	07.07.2002
3.	"	"	Tree Plantation Programme	New PG Cum RS Hostel	37	22.08.2002
4.	"	"	Activity on CRY	N.G.O. CRY OFFICE	100	10.09.2002
5.	"	"	Eye Checking of Blind Student	Health Centre, Jadavpur University	40	02.09.2002

UNIVERSITIES

Sl. No.	Enrolment	Type of Activity	Title of Activity	Venue	No. of Partici-pants	Date
6.	"	"	Seminar on Drug Abuse & Illicit Traffiking	Gandhi Bhavan	150	26.06.2002
7.	"	"	Cleaning & Helping Diseased Persons	Mukundapur	100	07.07.2002
8.	"	"	Procession on World AIDS day Celebration	Golpark to Hazra	155	01.12.2002
9.	"	"	U.T.A. Phase II, HIV/AIDS	Physical Education Department, J.U.	53	05.12.2002
10.	"	"	"	"	20	7.12/8.12.02
11.	"	"	"	Vivekananda Pathagar,Jadavpur	200	19.12.2002
12.	"	"	"	Jadavpur University Campus	100	20.12.02/ 22.12.02
13.	"	"	Maintenance Garden	Jadavpur University Campus	20	24.12.02/ 27.12.02
14.	"	"	Health Checking Camp	Dhakuria Netaji Basti	80	09.01.2003
15.	"	"	Health Checking Camp	Health Checking Camp	75	16.01.2003

II.

Sl. No.	Enrolment	Type of Activity	Title of Activity	Venue	No. of Partici-pants	Date	
						From	To
1.	**Total 3500**	Special Camp	Construction of Road of School	Midnapur	50	11.4.02	21.4.02
2.	"	"	Health Awareness Programme	Kalikapur	50	2.5.02	11.5.02
3.	"	"	Socio Economic Survey	Sonarpur	50	18.5.02	27.5.02
4.	"	"	Cleaning & Literacy Camping	Dhakuria, Netaji Basti, 91 Words	40	9.6.02	18.6.02
5.	"	"	Women Literacy Programme	Mukundapur	50	27.6.02	5.7.02
6.	"	"	Beautification & Cleaning	Jadavpur University Campus	50	15.7.02	24.7.02

Sl. No.	Enrolment	Type of Activity	Title of Activity	Venue	No. of Partici-pants	Date	
						From	To
7.	"	"	Health & Sanitary Awareness Programme	Kalikapur	50	19.7.02	28.7.02
8.	"	"	Anti-Malaria Drive	Kasba, Golpark	50	28.8.02	6.9.02
9.	"	"	Beautification & Cleaning	Salt Lake 2nd Campus	50	20.9.02	29.9.02
10.	"	"	Health, Child Labour Education	Mukundapur	50	17.10.02	26.10.02
11.	"	"	School Development & Cleaning	Gabberia	40	22.10.02	31.10.02
12.	"	"	Survey of Socio Economic Development of Women	Gabberia	50	22.10.02	31.10.02
13.	"	"	Women Literacy & Socio Economic Survey	Dhakuria, A.T. Chatterjee Basti	50	25.12.02	3.1.03
14.	"	"	Anti Malaria Drive	Dhakuria, A.T. Chatterjee Basti	50	25.12.02	3.1.03

5.3.7 HIGHLIGHTS OF ACTIVITIES DURING 2002-2003.

1. This year 7 (seven) more departments (Production, Power Plant Engg., Civil Engg., Chemical Engg., Pharmaceutical Technology, Physics, Mathematics) have been awarded funds by the DST, GOI under FIST Programme for infrastructure development.

2. All India Council for Technical Education (AICTE) has approved full time 4-semester P.G. courses in software Engineering and Automobile Engineering. The course in software Engineering is expected to start from the current academic session. The M. Tech course in Instrumentation & Electronic Engineering has been started from 2001-2002 with 8 students in 1st batch, first P.G. course in Salt Lake campus.

3. Our experts of IIPC are associated with two high rise complexes-one such project, is a 29+storied building complex near EM Bye Pass and the other is a 40+storied building complex near the Anwar Shah Road. Experts have continued their march to serve projects beyond Indian territory like consultancy on project for water supply system to Bid Bid, Fanja and Somali in Oman and the others is for setting up an activated carbon unit in Bangladesh.

4. Industry Institute partnership cell (IIPC) of the University has been endowed with a distinction of Grade 'A' excellent performance of the project as decided by the AICTE. During last one year, IIPC has accelerated its speed in Industry interaction providing multiple services towards consultancy/testing/R&D facilities to 145 numbers of firms/departments involving revenue of Rs.41.00 lakhs.

5. The School of Education Technology has taken up a number of activities. The project entitled "Multimodal Digital Distance Education in IT and other critical Areas" sanctioned by the Ministry of communication and information Technology has been started with the installation of the web-server with Learning Management System and customization of the LMS software.

6. The Department of Architecture has been awarded the "Best college" trophy at ZONASA-2002 (Zonal level meet of the National Association of Students of Architecture)

7. The Department of Philosophy organised an International Conference on "Philosophical and Scientific perspectives on consciousness : Toward and Systematic Theory" during 2-4 January, 2002 which was attended by eminent scholars from the USA, the UK, France and Australia. The department has completed twenty five years of special assistance from the UGC.

8. The Department of English organised two international seminars. One on "American Fiction : A house with Many windows" and other one on "Towards Book History in India."

9. The Department of International Relations organised an international seminar on "Terrorism and low intensity conflict in the South Asian Region."

10. The Department of Film Studies has played a very active role in the Organisation of the 8th Kolkata Film Festival this year. Further,. The Department organised a festival of workshop films directed by the post graduate students on 1 October,. 2002 which was inaugurated by the Chief Minister of the State.

11. The Department of Printing Engineering was accorded the responsibility on conducting technical audit of the Saraswaty Press Ltd. Kolkata by the State Council of Technical Education, Government of West Bengal and the assignment has been successfully completed.

12. Dr. Pulok Kumar Mukherjee of the Department of Pharmaceutical Technology has been awarded young pharmacy Teacher Award, 2002 by the Association of Pharmaceutical Teachers of India.

    Prof. R. N. Banerjee of the Mechanical Engineering Department has been elected the Chairman of the West Bengal State Centre, the Institute of Engineers (India). Prof. T. K. Ghosal of the Electrical Engineering Department has been elected a fellow of the Indian National Academy of Engineering (FINAE) for his distinguished contributions to Engineering.

    Dr. Madhumita Chattopadhyay of the Department of Philosophy has been awarded "Bukkyo Dendo Kyokai Fellowship" for research on Buddhist Studies at the University of Hisoshima.

Dr. Tapan Kumar Chatterjee, UGC Research Scientist, Department of Pharmaceutical Technology has been awarded "RAMMOHAN PURASKAR 2002" in recognisation of his discovery of a new anti-arthritic herbal medicine PANEKURE.

13. Prof. Prodyot Kumar Mukhopadhya of the Department of Philosophy has been selected by the Indian Council of Philosophical Research as the National Lecturer of the year 2002. Further, he has been selected a National Fellow of the Indian Institute of Advanced Study Simla and Ashutosh Professor of the National Institute of Advanced Study, Bangalore.

14. Prof. Sudipta Sengupta of the Department of Geological Sciences has received the "Antarctic Award" from the Department of Ocean Development, Govt. of India for her excellence in the field of Earth Science Research in Antarctica.

15. The School of Bio-Science and Engineering has developed its specialized Bio signal processing laboratory to study digital signal processing.

16. The School of Women's Studies has been declared as a Nodal Organisation for Child-line in the District of South 24 parganas.

17. Our Welding Technology Centre has been formally inaugurated on December 5, 2002 followed by a seminar on "Present Status and Future Need of Welding Technology in Indian Industrial Scenario."

    Apart from conducting research the centre will also organise long and short term academic courses in Welding Technology.

18. Different funding agencies like UGC, AICTE, CSIR, DOE, DRDO, DAE, ICMR, DBT etc. have released Rs.517 lakhs for research purposes. This grant has strengthened our infrastructure considerably.

19. During the year review, the UGC has sanctioned Rs.46 lakhs and Rs.45.50 lakhs as grants under the DRS (Departmental Research Support) programme to the Department of Computer Science & Engineering & the Department of Physics respectively for a period of 5 years. Further an amount of Rs. 13 lakhs as "send money" to start B.Sc (Electronic Media), M.Sc.(Electronic Media) and M.Sc. (Electronic Media Informatics) under the programme "New scheme" during the 9th plan has also been sanctioned by the commission. These courses will start from the next academic years. The UGC has also released Rs.9.09 lakhs towards implementation of the schemes of Teachers preparation in Special Education for Persons with Special Needs (TEPSE) and Higher Education for Persons with Special Needs (HEPSN). The schemes aim at providing appropriate facilities for the persons with special needs (disabled persons) in higher education.

20. Department of Adult, Continuing Education & Extension Centre has introduced a certificate course on "philately", the first time in the Country, in association with the Department of Posts, Government of India.

21. Jadavpur University is promoting and pursing higher education by linking up traditionally

separated subjects in the light of the ever changing Global scenario. A new effort under the name of Global change programme is linking up directly the in house research efforts to the national and international level research, policy capacity building and action in the area of climate change. The University has been identified as a centre for carrying out multidisciplinary research to support the Ministry of Environment and Forest in its obligatory duty towards preparation of the national communication to the UNFCCC (United Nations Frame Work Convention for Climate Change) on climate change. Our research results were presented at the Eighth conference of parties of UNFCCC 2002 and has earned much appreciation. Over last two years under the global change programme the University has successfully mobilized quite a good sum of money from various Central Ministries UNDP, CEF, ISRO, towards research and capacity building and training of policy makers on several aspects of global change.

JU has recently tied up with a number of British universities to give the students better career options. The tie-up will give the students a chance to interact with experts of foreign universities and will also give them an idea about various industry related jobs.

Now, one can study at JU and get a degree jointly from JU and Stratffordshire University. The two universities are jointly launching a three-year part-time MA course in Sustainable Development from July, 2003.

The university has also tied up with Brunel University and Vienna University for a project on 'operation and risk management'. "This will help JU students to conduct research with their European counterparts". The university has recently received a sum of 70,000 Euros from E u r o p e a n Union for the project,

The other university with which JU has tied-up is Leeds. It is in the field of multimedia research. Students completing their four semester multimedia course in JU will get a year's waiver for studying at Leeds from the second semester".

5.4 RABINDRA BHARATI UNIVERSITY

Year of Establishment: May 8,1962
The University is guided by Rabindra Bharati University Act, 1981
Email : reg@cal3.vsnl.net.in.

The Rabindra Bharati University was founded on May 8, 1962 under the Rabindra Bharati Act to mark the birth centenary of poet Rabindranath Tagore. Its main objective is " to encourage in conformity with the ideas and thoughts of Rabindranath Tagore, the integration of cultural heritage of the nation consistent with its linguistic and socio-economic history and to enable it to function more efficiently as a university encouraging and providing for instruction, teaching, training and research...". The Maharshi Bhaban and Bichitra located at Jorasanko Complex of the university houses (i) a biographical museum on Tagore and aspects of the Bengal Renaissance; (ii) three Art galleries–the first one exhibiting Tagore's paintings (original), the second the portraits and

personal effects of the family and the third the paintings of the Bengal School painters, notably Abanindranath Tagore, Nandalal Bose, Jamini Roy, Ramkinkar Baij etc.

5.4.1 FACULTIES & DEPARTMENTS :

A. FACULTY OF ARTS (B. T. Road Campus or Emerald Bower)

(i) Course – B. A. (Hons.) (3 – year)

Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science.

(ii) Course – M. A. (2 – year)

Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science.

(iii) Course – M. Phil. (1 – year)

Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science.

(iv) Course – Ph.D (2 – 5 year)

Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science, 8) Education, 9) Library and Information Science.

(v) Professional Course : Library and Information Science
Education (B.Ed.) – Evening – (1 year).

(vi) Other Course : Diploma in Tagore Literature (1 years).

B. FACULTY OF FINE ARTS (Jorasanko Campus)

(i) Course – Pre-degree (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music & Percussion, 4. Rabindra Sangeet, 5. Vocal Music

(ii) Course – B. A. (Hons.) (3 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music & Percussion, 4. Rabindra Sangeet, 5. Vocal Music

(iii) Course – B. A. (Spl. Hons.) (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music & Percussion, 4. Rabindra Sangeet, 5. Vocal Music

(iv) Course – M. A. (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music & Percussion, 4. Rabindra Sangeet, 5. Vocal Music, 6.Musicology (only P.G.), 7. Musiology Restoration (only P.G.), 8. Mass Communication (Videography) – (only P.G.)

(v) Course – Ph.D (2 – 5 year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music & Percussion, 4. Rabindra Sangeet, 5. Vocal Music

C. FACULTY OF VISUAL ARTS (Jorasanko Campus)

(i) Course - Bachelor of Visual Arts (BVA) – (5 - Year)

Subjects : 1. Applied Art, 2. Graphics (Print-making), 3. Sculpture, 4. History of Art, 5. Painting

(ii) Course - Master In Visual Arts (MVA) - (2 - Year)

Subjects : 1. Applied Arts, 2. Graphics (Print-making), 3. Sculpture, 4. History of Art, 5. Painting

5.4.2 Other Sponsored Centres for Study and Research:

1. Centre for Tagore Studies
2. School of Vedic Studies
3. Centre of Gandhian Studies
4. S. Radhakrishnan Study Centre
5. Centre for Mass Communication and Vediography.

Originally these centres were sponsored by the U.G.C. but at present the liability is borne by the State Govt.

5.4.3. Other Establishments at Jorasanko Campus

A. The West Bengal State Academy of Dance, Drama, Music and Visual Arts

B. Biographical Museum on Poet Tagore and Bengal Renaissance.

C. Art Gallery : (i) Tagore's Paintings, (ii) Family Portraits, (iii) Bengal School of Paintings.

The Centre for Adult, Continuing Education and Extension, Community Services, National Service Scheme, Rabindra Bharati Sanskrit Prachar Prakalpa — 2 centres.

5.4.4 No. of Affiliated Institutions :

Art College - 1(Indian College of Art and Draughtmanship)

5.4.5 Courses In Recognised Institutions :

i) 3- Year Senior Diploma : in (a) Dance (b) Drama (c) Music (Vocal & Instrumental) (d) Percussion.

ii) 2- Year Junior Diploma : in (a) Dance (b) Drama (c) Music (Vocal & Instrumental) (d) Percussion.

iii) Bachelor of Visual Arts a) Painting b)Applied Art c) Sculpture.

5.4.6 D.Litt./ Ph.D. Programme

i) Ph.D. Programme : Bengali, English, History, Philosophy, Political Science, Economics, Sanskrit, Painting, Dance, Vocal Music, Drama, Instrumental Music, Rabindra Sangeet, History of Art, and Visual Art.

ii) M. Phil Programme : (2 Year) - Bengali, English, Philosophy, Sanskrit.

5.4.7 ELIGIBILITY FOR ADMISSION TO DIFFERENT COURSES

FACULTY	DEPARTMENT	COURSES	DURATION	ELIGIBILITY
FINE ARTS FACULTY	INSTRUMENTAL MUSIC AND PERCUSSION (Day)	i) Pre-Degree	2 Years	M.P./S.F. 10trh std. or its equivalent and special aptitude in this subject.
		ii) B.A. (Hons.)	3 Years	Pre-degree in Instrumental Music and Percusswion or H.S. (+2) or its equivalent and special aptitude in this subject.
		iii) B.A. (Spl.	2 Years	Graduate in any subject and special aptitude in this subject
		iv) M.A.	2 Years	B.A. (Hons./Spl. Hons.) in any subject from any recognised University and special aptitude in this subject.
		v) Ph.D.	2-5 Years	M.A. in Instrumental Music and Percussion with 50% marks.
	RABINDRA SANGEET (Day)	i) Pre-Degree	2 Years	M.P./S.F. 10th std or its equivalent and special aptitude in Rabindra Sangeet.

FACULTY	DEPARTMENT	COURSES	DURATION	ELIGIBILITY
		ii) B.A. (Hons.)	3 Years	Pre-Degree in Rabindra Sangeet or H.S. (+2) or its equivalent and special aptitude in Rabindra Sangeet.
		iii) B.A. (Spl. Hons)	2 Years	Graduate in any subject and special aptitude in Rabindra Sangeet.
		iv) M.A.	2 Years	B.A. (Hons./Spl. Hons.) in Rabindra Sangeet or any subject with special aptitude in Rabindra Sangeet.
		v) Ph.D.	2-5 Years	M.A. in Rabindra Sangeet with minimum 50% Marks.
FINE ARTS FACULTY	VOCAL MUSIC	i) Pre-Degree	2 Years	MP/SF 10th std. or its equivalent and special aptitude in vocal music.
		ii) B.A. (Hons.)	3 Years	H.S.(+2) or its equivalent and special aptitude in vocal music.
		iii) B.A. (Spl. Hons.)	2 Years	Graduate in any subject and special aptitude in vocal music.
		iv) M.A.	2 Years	B.A. (Hons/Spl. Item) in vocal music or any subject with special aptitude in vocal music from any University.
		v) Ph.D.	2-5 Years	M.A. in vocal music with 50% marks.
FINE ARTS FACULTY	DRAMA (Day)	i) Pre-Degree	2 Years	M.P./S.F. 10th std or its equivalent and special aptitude in Drama.
		ii) B.A. (Hons.)	3 Years	Pre-Degree in Drama or H.S. (+2) or its equivalent with special aptitude in Drama.
		iii) B.A. (Spl. Hons.)	2 Years	Graduation and special aptitude in Drama.
		iv) M.A.	2 Years	B.A. (Hons./Spl. Hons.) in Drama or any subject from any recognised University with special aptitude in drama.
		v) Ph.D.	2-5 Years	M.A. in Drama from any recognised University with at least 50% marks.

FACULTY	DEPARTMENT	COURSES	DURATION	ELIGIBILITY
	MUSICOLOGY (Day)	M.A.	2 Years	B.A. (Hons./Spl. Hons.) in any subject from any recognised University with special aptitude in any music.
	MUSEOLOGY (RESTORATION & CONSERVATION	M.A.	2 Years	B.A. (Hons./Spl. Hons.) in any subject from any recognised University with special interest in this field.
	MASS COMMUNICATION (VEDIOGRAPHY)	M.A.	2 Years	B.A. (Hons./Spl. Hons.) in any subject from any recognised University with special aptitude in this subject.
ARTS FACULTY	BENGALI (Day & Evening)	i) B.A. (Hons.)	3 Years	H.S. (+2) or its Equivalent with Bengali as a Compulsory Subject.
		ii) M.A.	2 Years	B.A. (Hons.) in Bengali from any recognised University.
		iii) M.Phil	2 Years	M.A. in Bengali from any recognised University with at least 50% marks.
		iv) Ph.D.	2-5 Years	- Do -
	ECONOMICS (Day & Evening)	i) B.A. (Hons.)	3 Years	H.S. (+2) or its equivalent with Economics or Mathematics as a compulsory subject.
		ii) M.A.	2 Years	B.A. (Hons.) in Economics from any recognised University.
		iii) Ph.D.	2-5 Years	M.A. in Economics from any recognised University with at least 50% marks.
	EDUCATION (Evening)	i) B.Ed.	1 Year	Graduate/Post graduate from any recognised University.
		ii) Ph.D.	2-5 Years	M.A./M.Sc in Education with at least 50% marks.
ARTS FACULTY	ENGLISH (Day & Evening)	i) B.A.(Hons.)	3 Years	H.S. (+2) or it's equivalent with English as a compulsory subject.
		ii) M.A.	2 Years	B.A. (Hons.) in English from any recognised University.

FACULTY	DEPARTMENT	COURSES	DURATION	ELIGIBILITY
ARTS FACULTY		iii) M.Phil	2 Years	M.A. in English from any recognised University will at least 50% marks.
		iv) Ph.D.	2-5 Year	- Do -
	LIBRARY & INFORMATION SCIENCES (Evening)	i) B.LIS.	1 Year	Graduate from any recognised University with special aptitude in library & information Science.
	HISTORY (Day & Evening)	i) B.A. (Hons.)	3 Years	H.S. (+2) or it's equivalent.
		ii) M.A.	2 Years	B.A. (Hons.) in History from any recognised University.
		iii) Ph.D.	3 Years	M.A. in History from any recognised University with 50% marks.
	PHILOSOPHY (Day & Evening)	i) B.A. (Hons.)	3 Years	H.S. (+2) or it's equivalent.
		ii) M.A.	2 Years	B.A. (Hons.) in History from any recognised University.
		iii) M.Phil	2 Years	M.A. in Philosophy from any recognised University will at least 50% marks.
		iv) Ph.D.	2-5 Years	- Do -
ARTS FACULTY	POLITICAL SCIENCE (Day & Evening)	i) B.A. (Hons.)	3 Years	H.S. (+2) or its equivalent.
		ii) M.A.	2 Years	B.A. (Hons.) in Political Science from any recognised University.
		iii) Ph.D.	2-5 Years	M.A. in Political Science from any recognised University with at least 50% marks.
	SANSKRIT (Day & Evening)	i) B.A. (Hons.)	3 Years	H.S. (+2) or its equivalent.

FACULTY	DEPARTMENT	COURSES	DURATION	ELIGIBILITY
		ii) B.S. (Spl. Hons.)	2 Years	Graduate with Sanskrit as an elective subject or Shaskri from Rashtriya Sanskrit Sansthan.
		iii) M.A.	2 Years	B.A. (Hons.) in Sanskrit from any recognised University.
		iv) M.Phil	2 Years	M.A. in Sanskrit from any recognised University or Acharya from Rashtriya Sanskrit Sansthan or a graduate with Tistha from VSSP after qualifying in test.
		v) Ph.D.	2-5 Years	- Do -
	TAGORE LITERATURE	Diploma	1 Year	MP/SF or its equivalent.
VISUAL ARTS FACULTY	PAINTING (Day)	i) BV.A.	5 Years	M.P./S.F. 10th std or it's equivalent Exam. (age 23 years).
		ii) M.V.A.	2 Years	B.V.A. in painting.
		iii) Ph.D.	2-5 Years	M.V.A. in Painting with 50% marks.
	SCULPTURE (Day)	i) B.V.A.	5 Years	M.P/S.F. 10th std or it's equivalent Exam. (age 23 years.)
		ii) M.V.A.	2 Years	B.V.A. in Sculpture.
		iii) Ph.D.	2-5 Years	M.V.A. in Sculpture with 50% marks.
	GRAPHICS (Print making) (Day)	i) B.V.A.	5 Years	M.P. (10) or it's equivalent Exam. (age 23 years).
		ii) M.V.A.	2 Years	B.V.A. in Graphics.
		iii) Ph.D.	2-5 Years	M.V.A. in Graphics with 50% marks.
	APPLIED ART (Day)	i) B.V.A.	5 Years	M.P./S.F. 10th std. or it's equivalent Exam. (age 23 years).
		ii) M.V.A.	2 Years	B.V.A. in Applied Art.
		iii) Ph.D.	2-5 Years	M.V.A. in Applied Art with 50% marks.

FACULTY	DEPARTMENT	COURSES	DURATION	ELIGIBILITY
	HISTORY OF ART (Day)	i) B.V.A.	5 Years	M.P./S.F. 10th or it's equivalent Exam. (age 23 years).
		ii) M.V.A.	2 Years	B.V.A. in History of Art.
		iii) Ph.D.	2-5 Years	M.V.A. in History of Art with 50% marks.

5.4.8 Participation in Seminar/Symposium/Workshop NSS activities during 2002-2003

Sl. No.	Enrolment	Type of Activity	Venue	No. of Participants	Date
1.	300	An Aid for Riot-Victim Gujrat People	Various areas in in Kolkata	170	01-05-02
2.	"	The NSS seminar on communal harmony	E. B. Campus	1500	02-05-02
3.	"	Blood Donation Camp	J.S. Campus	50 Donner +150 other	08-08-02
4.	"	Tree plantation	E.B. Campus	150	08-08-02
5.	"	Tree plantation	J.S. Campus	145	08-08-02
6.	"	Free health check-up camp	C.I.T. Qrs at B. T. Road	200	01-10-02
7.	"	Campus cleaning programme	J.S. Campus	150	02-10-02
8.	"	Campus cleaning programme	E.B. Campus	200	02-10-02
9.	"	Blood donation motivation seminar	E.B. Campus	250	03-12-02

5.4.9 HIGHLIGHTS OF ACTIVITIES DURING 2002-2003.

To cop up with the potential outflow of the students in Higher Education system, Rabindra Bharati University has started the Directorate of Distance Education from the academic session 2002-2003 with approval of the Higher Education Department. The P.G. courses in English, Bengali, Political Science and History along with the U.G. and P.G. courses in Rabindra Sangeet have been opened. About 3000 learners have enrolled themselves under the Directorate of the University. For this purpose the existing infrastructure are been utilised. The University authority has taken

decision to introduce four new P.G. courses in the coming academic session. They are Sanskrit, Vocal Music, Dance and Social Work. The correspondence courses in Fine Arts subjects are the special features of the Rabindra Bharati University in the state as well as in India.

5.5 UNIVERSITY OF BURDWAN

Date of Establishment : 15 June 1960

The University is governed by the Burdwan University Act, 1981

Email :vcbu@satyamnet.in

The University of Burdwan was established under West Bengal Act XXIX of 1959 as a teaching and affiliating university. It started functioning from 15th June, 1960 with six postgraduate teaching departments and thirty under-graduate colleges spread over five districts viz. Burdwan, Birbhum, Bankura, Purulia and Hooghly. The university has expanded gradually and at present, the number of post-graduate departments is 28 and that of affiliated colleges 109. It runs a variety of academic and administrative programmes in respect of teaching, research and other allied activities.

5.5.1 FACULTIES & DEPARTMENTS

POST GRADUATE COURSES :

A. FACULTY OF ARTS, COMMERCE, LAW, MUSIC & FINE ARTS :

Bengali, Business Administration, Commerce, Economics, English, Hindi, History, Human Resource Management, Journalism & Mass Communication, Law, Library & Information Science, Philosophy, Political Science, Sanskrit, Sociology, Tourism Administration (M.A. in English is also taught at Bankura Christian College, Bankura).

B. FACULTY OF SCIENCE :

Botany, Chemistry, Computer Application, Geography (also taught at Chandernagore College), Geology (taught in Durgapur Govt. College), Mathematics, Physics, Statistics, Zoology, Physiology (taught in Hooghly Mohsin College),Physics(tought in B.B. College, Asansol), Mathematics (tought in J.K. College, Purulia) & Environmental Science.

C. FACULTY OF ENGINEERING & TECHNOLOGY :

Post-graduate (M.Tech.) &

Under-graduate (B.E.) Courses. Undergraduate Engineering Courses have been introduced in University Campus from the year 2000-2001.
Chemical Engineering, Civil Engg , Computer Engg., Electrical Engg., Electronics & Communication Engg., Mechanical Engg. and Metallurgical Engineering.
Departments (P.G. Courses) : Chemical Engineering (Production of Fertiliser), Chemistry, Electrical Engineering (Industrial Electric System), Mechanical Engineering, Metallurgical Engineering and Structural Engineering. Besides, there are part-time courses.

D. FACULTY OF MEDICINE :

Post-graduate (MD) Biochemistry, (MS) Anatomy Undergraduate (M.B.B.S.). These courses

are looked after by Burdwan Medical College.
Besides, there are Post-graduate Diploma Course (D. G. O. / D. O.) in Gynaecology and Obstetrics and Ophthalmology.

5.5.2 OTHER COURSES

B.Ed. (Sc.); B.L.I.S., LL. B. M. Phil. (Beng. Eng., Eco., Com., Phil., Hist., Pol.Sc., Sans. Environmental Sc. & Zoo.) M. Tech. (in Microwave), P.G. Dip. in Population Education, Cert. Dip and Adv. Dip. Courses in French, German & Russian Languages.

5.5.3 CORRESPONDENCE COURSES : Postgraduate courses leading to M. A./M. Com. degrees in the subjects viz. Pol. Sc., Bengali, English, History, Commerce and Philosophy. One-Year Bridge Course has been introduced in various subjects of Arts, Commerce, Social Science and Mathematics from the year 1998 for 2-years Pass graduates from any recognised University to bring them at par with the all India 10+2+3 pattern. The course is still continuing.

5.5.4 OTHER CAMPUS STUDIES :

A one-year training course leading to a Bachelor of Education Degree in Science is imparted by the Institute of Science Education.

5.5.5 OTHER FACILITIES OFFERED :

A well equipped Science and Instrumentation Centre (USIC) along with Central Instrumentation Facilities (CIF) meets the technical needs of the Postgraduate Science Departments in teaching and research activities.
The Computer Centre of the University serves the purpose of the students, teachers and research fellows in computational works and also provides electronic mail service.

5.5.6 THE UNIVERSITY PUBLICATIONS :

The Publication Unit of this University brought out four new publications viz : (1) Students' & Radical Social Cchange – edited by Sri Anirban Banerjee; (2) Bardhamaner Gupta Mudra – edited by Sri Pranab Kumar Chattopadhyay & Sri Rajibkanti Sharmadhikari; (3) Descriptive Catalogue of Sculptures – edited by Prof. Bhaskar Chattopadhyay & Sri Ranjan Kanti Jana; (4) Journal of English – Vol. XIII edited by Prof. Mohit Roy.

The following publications have also been reprinted during the year : (1) Nitividya – (IV Edn.) & (2) Astibad OP Manabatabad (IIIrd Edn.) by Prof. M.K. Bhadra and (3) Adhunik Bangla Kabita : Vichar O Bislesaan (IIIrd Edn.) Edited by Prof. Jibendraa Singh Roy.

5.5.7 ADULT CONTINUING EDUCATION AND EXTENSION WORK & FIELD OUTREACH :

In accordance with the guidelines for the Centre / Department for Adult Continuing Education Extension Work & Field Outreach framed by the University Grants Commission from time to time, The Population Education Resource Centre(PERC) also observed the

"World Population Day" for the year 2002. Nearly 40 students participated in the essay competition organized by the centre on 7th July,2002. The PERC also observed the "World Aids Day" 2002. Hon'ble Vice Chancellor of the University inaaugurated the seminar on AIDS on 9th December, 2002. The PERC installed a Pavilion in 10th Burdwan Sishu Utsav at Childrens' Complex, Alamganj, Burdwan, from 23.12.2002 to 31.12.2002.

5.5.7.1. At the University the following courses are conducted by the Department.

Sl. No.	Name of the Course	Duration	Nature	Eligibility	Intake	Source of fund
1.	Diploma in Medical Laboratory Technology	2 Yrs.	Self financing	B.Sc. (Bio)	20	-
2.	Certificate Course in Computer Application & Office Management	1 Yr.	Stipendary	Graduate (having 45% marks) in any discipline and family income not exceeding Rs. 36000/- annually.	60	West Bengal Women Development Undertaking, Govt. of West Bengal (Presently suspended due to some technical reason)
3.	Certificate in Social Service - Blood Donor Motivation.	15 Hours	Self financing	Higher Secondary passed	60	--
4.	Post Graduate Diploma in Special Education (Mental Retardation)	1 Yr.	Self. financing	Graduate in any discipline	25	--
5.	Certificate in Mother-Child Care and Family Welfare	1 Yr.	Self. financing	Madhyamik	20	UGC
6.	Certificate in Operation and Maintenance of Analytical Laboratory Instruments/ Equipment.	6 week	--	B.Sc.	20	UGC

UNIVERSITIES

5.5.8 Participation in Seminar/Symposium/Workshop activities during 2002-2003

Name & Designation	Type N= National I = International	Title	Venue	Date
Botany Dr. A. Mukherjee, Reader	N		Lucknow	17-18.5.02
Dr.R.Mukhopadhyay (Prof).	N		Chandigarh	22-29.11.02
Dr.J. P. Keshri (Sr.Lect.)	N	Biodiversity-Past & Present	Lucknow	28-29.11.02
Prof. P.K.Pal	N		-do-	-do-
Prof. R. Mukho-padhyay	N		-do-	-do-
Dr. K. Gupta	I	Plant Physiology of sustainable changing envi-ronment	N.Delhi	8-12.01.03
Bus. Admn. Prof. D. Ray	N	Effective marketing management programme	Gurgaon	25-29.11.02
- do -	I	Statistics in industry & Business	Cochin	2-4.01.03
Commerce Dr. S. Ghosh (Reader)	I		Jaipur	22-23.02.
P.Sarkar (Lect.)	I		-do-	-d-
Dr. S.Ghosh (Reader)	N		T. puram	28.01.02-1.2.02
Dr. A. Chattopadhyay (Reader)	N		Jodhpur	1.2.03-2.2.03
T.C.Saha (Reader)	N		-do-	-do-
D. Sur (Sr. Lect.)	N		-do-	-do-

Name & Designation	Type N= National I = International	Title	Venue	Date
Chemistry Prof. Kamal Bhatta	I	Spectroscopy structure and dynamics	Kol.	13-13.12.02
Abhoy Ch. Mondal Lect. Com.Science	I		Chennay	27-30.12.02
Dr. Kamala Banerjee, Reader, Geography	N	Land and Water management in India	Kol	13-14.12.02
Prof.S.S.Singh, Law	N		Hydrabad	9-10.12.02
Prof. N.D. Chakraborty (Math)	N		Kharagpur	22-24.12.02
do	I		Kol	14-16.12.02
S.K.Sandhan (Sr.Lect. Math)	I		-do-	-do-
Dr.S.Das Lect. Physics	N	DAE-BRNS-National laser	T. puram	14-16.11.02
Dr. S.S.Sarkar Reader, Physics	N		T.Nadu	26-30.12.02
Dr.ABhattacharyya Prof. Sanskrit.	N		Puri	9-11.12.02
Dr.C.S. Chakraborty, Reader, Zoology.	N		Bangalore	3-7-01.03
Prof. S.Roy, Zoology	N		-do-	-do-
Dr. A.Banerjee Reader, Sociology	N		Kanpur	18-20.12.02
Dr. B.Ghosh Reader, Sociology	N		-do-	-do-
Prof. A. Chattopadhyay, Statistics	I	Statistics combination and areas	Allahabad	22-23.12.02

UNIVERSITIES

Name & Designation	Type N= National I = International	Title	Venue	Date
R.N.Das, Lect. Stat.	I	-do-	-do-	-do-
Prof. J.K.Dutta, Env. Science	I			8-12.01.03
S.N.Bandhopadhyay, STA Chemistry	N		Roorkee	1-10.07.02
M.M.Adhikari Asstt. Librarian	N		Puri	9-11.12.02
B.Mukhopadhyay, Inf. Scientist	N		Ahmedabad	13-15.02.03

A B R O A D

Dr. B. Parida Reader, M.B.A	I	7th South Asian Management Forum	Maldives	15-17.4.02
Dr. A. Banerjere Reader, Sociology	I	XVth world Congress of Sociology	Brisbane	7-13.07.02
Dr. G. Chandra Sr. Lect. Zoology	I	Mosquito Control Association of Australian Conference	Australia	7-9.10.02
Prof. A.K. Das, Chemistry	I	Silver Jubilee Conference of Bangladesh	Dhaka, Bangladesh	11-13.01.03

5.5.9 Short term vocational training programmes for skill development :

Sl. No.	Name of the Course	Duration	Intake	Academic Level
1.	Course on Manufacturing & repairing of Inverter, Acid Battery & Charger.	6 Months	10	Class VIII passed (Male)
2.	Course on Mother and Child Care & Home Nursing	6 Months	15	Class VIII passed (Female)
3.	Course on Mushroom Cultivation	3 Months	10	Neoliterates (both Male & Felame)
4.	Course on Care & Maintenance of Scientific (Laboratory) equipments.	2 Months	10	Higher Secondary (Sc.) passed.

5.5.10 Binoy Krishna Chowdhury Rural Technology Centre :

The Binoy Krishna Chowdhury Rural Technology Centre has been established under the umbrella of this University. It offers short-term training-cum-production oriented courses based on the latest scientific and technological advances to achieve sustainable rural development. Around 80 trainees have completed the training prograamme on Computer Based Office Management of 20 weeks duration. About sixty trainees have completed their training schedule training for the fourth batch started in the first week of February"03.

As a mark of its active involvement in various socio-cultural and scientific programmes BKCRTC have participated in science fair organized during Krishok Sanmelon At Hatgobindapur, Utsaab – 2003 at Krishnasayar Eco-garden, Burdwan Utsab at Town Hall .

Since 1999 this Centre introduced for 10+2+2 pass Science graduates, a **one year application oriented course in both Life-Science and Physical Science** with the aim of bringing them on par with 10+2+3 all India pattern.

5.6 KALYANI UNIVERSITY

Year of Establishment : 1 November, 1960
The University is guided by the Kalyani University Act , 1981.
Email : klyunivrgs@yahoo.co.in

The University of Kalyani was established in terms of relevant State Act and was inaugurated on November 1, 1960. Ms. Padmaja Naidu, the then Governor of West Bengal was the first Chancellor and Prof. S. N. Dasgupta, FNA, an eminent botanist was the first Vice-chancellor. The university is located in a lush green campus between the river Hooghly and National highway No. 34 at a distance of 60 km. from the city of Calcutta. A railway station is situated just beyond the main gate of the University.The University is also considering the possibility of upgrading some of its affiliated colleges with the Academic Autonomy and postgraduate teaching.

5.6.1 FACULTIES & DEPARTMENTS:

POST-GRADUATE COURSES (2 YEARS)

FACULTY OF ARTS & COMMERCE:
Total no. of Departments - 10
Bengali , Commerce , English , Economics , Folklore,
History, Library & Information Sc., Political Science, Sociology.

FACULTY OF SCIENCE:
Total no. of Department – 9
Bio-Physics & Bio-Chemistry, Botany, Computer Science (DCA) one year,
Chemistry, Environmental Science, Mathematics, Physics, Statistics, Zoology.

UNIVERSITIES

FACULTY OF EDUCATION
Total no. of Department - 2
Education Deptt.-B. T. (1 year), M.A./ M. Sc. in Education (two years),
Physical Education –B.Ed (in Physical Education) 1 yr., M. P. Ed (2 Yr.) .

OTHER POST GRADUATE COURSES :

FACULTY OF ENGINEERING & TECHNOLOGY

FACULTY OF LAW

FACULTY OF MUSIC & FINE ARTS

UNDERGRADUATE COURSES

FACULTY OF ARTS
B. A (Hons.) in English, Sociology, Economics, Bengali

FACULTY OF SCIENCE :
B. Sc. (Hons.) in Chemistry, Physics, Mathematics, Statistics, Botany, Zoology

OTHER UNDERGRADUATE COURSES :

The University conducts B.A. / B.Sc. /B.Com. Pass & Honours courses in it's 36 affiliated degree colleges. Besides this, University conducts certificate course in Chinese & Russian Languages and B.Tech. Courses in: (a) Information Technology, (b) Electronics & Instrumentation. M. Phil. courses in English, Education & Economics are also conducted by the University.

5.6.2 Intake capacity of students in different courses in the University Departments

Bengali – (70), Commerce – (75), English - (55), Economics – (45), Folklore – (35), History – (70), Library & Information Sc.- (20), Political Science – (65), Sociology – (40) Bio-Physics & Bio-Chemistry – (13+13), Botany – (30),Computer Science (DCA) one year – (10) Chemistry – (35), Environmental Science – (20), Mathematics – (55), Physics – (30), Statistics – (20), Zoology – (30). Education Deptt.-B. T. (1 year) – (176), M.A./ M. Sc. in Education (two years) – (50)Physical Education –B.Ed (in Physical Education) 1 yr.- (80), M. P. Ed (2 Yr.) – (25)

5.6.3 Participant in Semkinar/Symposium/Workshop/Nss activities :

Sl. No.	Enrol-ment	Type of activity	Tiele of	Venue	No. of participants	Date	
						From	To
1.	N.A.	Camping	NI Camp	Bangalore	M-10, F-10	2.3.02	8.3.02
2.		General	Eradication of Parthenium	RDK College	100	May 10.2.02	June
3.		Training	UTA II State Level Trainers' Training	TORC Narendrapur	4+4+2	8.7.02	10.7.02
4.		Training	91st Orientation Course	TORC Narendrapur	02	25.6.02	4.7.02
5.		Observance	Mahaprayan of Vivekananda	Kandi Raj College	100	04.07.02	
6.		Training	92nd Orientation	TORC Narendrapur	03	23.07.02	1.08.02
7.		Camping	Pre Rd Camp	Bhubaneswar	04	21.10.02	30.10.02
8.		Camping	NI Camp	Andhra University	1200	29.12.02	4.01.03
9.		Training	UTA II	Kalyani University	53	21.12.02	22.12.02
10.		Training	UTA II	Kalyani University	20	12.1.03	
11.		Camping	RD Parade	New Delhi	200	01.01.03	31.01.03
12.		Spl. Camp	Jal Sambard	Haringhata	-	23.12.02	01.01.03

5.6.4 Highlights of the Activities during 2002-2003

Since the academic session 2001-2002, courses on MBA,MCA and Microbiology have been in operation on self-financing basis. Introduction of multi-disciplinary courses like Molecular Biology & Biotechnology, Molecular Physiology,Bio-Informatics, Material Science, are in the pipe line. A self-financing course on Financial Economics is also being undertaken from the academic session 2002-2003. The University has also obtained approval of the UGC for introduction of a course on Postgraduate Diploma in Human Rights at the Department of Political Science as the nodal Department.

The departments in all the faculties have recorded remarkable performance in research. The University is oriented towards serious effort to develop the potential by strengthening and extending research activities in the thrust areas through collaborations with other institutions and bodies in India and abroad. Ongoing foreign collaborations in research on selected areas with countries like Japan, Sweden, Germany, UK and France are helping the university towards this goal.

The departments of Environmental Science, Biochemistry & Biophysics, Chemistry, Zoology and Botany have submitted proposals under th_SAP/CONSIST Programmes that are under active consideration of the UGC. The proposal of INSP ARC under the Innovative Programme is also under consideration of the UGC. It would be worth mentioning that the departments of Chemistry, Biochemistry & Biophysics and Physics, have received an amount of Rs.99.00 lakh under the FIST programme of Department of Science & Technology (DST). Recently, the IASE (Institute of Advanced Studies in Education, funded by NHRD, Government of India) has provided an impetus for updating the teachers training programme in the Department of Education of the University. A substantial grant of Rs.1.30 crore has already been received from the MHRD to this effect for Building and Equipment.

The UGC has also identified the University as a Refresher Courses Centre (UGCRCC) for the years 2001-2002 and 2002-2003. Refresher Courses for the college and university teachers are approved for the Departments of Botany, Biochemistry & Biophysics, Chemistry, Education, Hisory, Mathematics, and Environmental Sciences. In the changing scenario of Higher Education in the twenty-first century, the University is actively strengthening its research activities in the emerging areas.

The University has been assessed and accredited by the National Assessment and Accreditation Council (NAAC) for a period of five years with 3(three) Star (Institutional score 65-70%).

5.7 UNIVERSITY OF NORTH BENGAL

Year of establishment : 1 July 1962
The University is guided by the North Bengal University Act, 1981.
WEBSITE : http://www.nbu.ac.in
EMAIL : regnbu@sanchar.net.in
FAX : (0353) 581 546, 581212.

The University of North Bengal was established by an Act of the Legislature of West Bengal in 1962 and assigned the mandate of providing teaching, training and research in various branches of advanced learning and promoting the dissemination of knowledge to fulfill growing socio-economic and technical manpower needs in the six North Bengal districts and the neighbouring state of Sikkim. The university occupies an area of about 330 acres of land and is situated at a distance of 9 km from Siliguri and Bagdogra Airport in the Terai region of Darjeeling District. The University Act was amended by the West Bengal Act of XXV of 1981, which came into force with effect from September 16, 1981.

5.7.1 FACULTY & DEPARTMENTS :

POST GRADUATE AND DIPLOMA COURSES

(i) FACULTY OF ARTS

Bengali, English, Economics, Nepali, Philosophy, Sociology, Political Science, Commerce and Law.

(ii) FACULTY OF SCIENCE

Botany, Chemistry, Computer Science & Application, Geography & Applied Geography, Mathematics, Physics, Zoology, Anthropology, Bio-technology, Tea Management.

(iii) FACULTY OF MEDICINE

D.O. course (2 years) is conducted in the Department of Opthalmology of N.B. Medical College.

The University also conducts bachelor courses in Library & Information Science and in Law. There are the following Centres run by the University.

(i) Centre for Himalayan Studies, (ii) Centre for Life Science, (iii) Centre for High Energy & Cosmic Ray Physics (iv) Centre for Adult & Continuing Education (iv) Centre for Development Studies (v) Centre for Women's Studies (vi) Centre for Remote Sensing Applications (vii) University Science Instrumentation Centre (viii) Computer Centre (ix) Centre for Studies in Local Languages & Culture (x) Centre for Distance Education (xi) Information Technology Centre.

The University also conducts self-financed Courses leading to Postgraduate Diploma in (i) Tea Management (ii) Diploma in Cultural Tourism & Management (iii) Marketing Management and (iv) information Technology (one year each)

Duration of the Courses in the Campus:

M.A./M.Sc./M.Com./L.L.M.	-	Two years
M. C. A.	-	Three years
B.L.I.S.	-	One year
P. G. Diploma Courses	-	One year
L.L. B	-	Five years

5.7.2. UNDERGRADUATE COURSES

Undergraduate Courses (B.A./B.Sc. /B.Com./B.Ed./B.P.Ed./B.E./M.B.B.S./B.D.S. / B.C.A./ B. Pharm.) are also conducted in the following affiliated colleges.

TYPES OF THE COLLEGES	NUMBER
General Degree Colleges	55
B. Ed. Colleges	5
Physical Education College	1
Law Colleges	2
Medical College	1
Dental College	1
Pharmacy College	1
Colleges in Sikkim	6

5.7.3 Seminar (National/International) during 2002-2003 :

Sl. No.	Department presented	Period	Topic	No. of Papers
1.	Geography & Applied Geography	23rd to 25th January, 2003	Resource Utilisation and Environmental Management of the Eastern States of India.	25
2.	Centre for Himalayan Studies	21st to 22nd November, 2002	Urbanisation in Eastern Himalayas : Emergence & Issues	20
3.	Centre for	21st to 22nd March, 2003	Micro Finance in North Bengal.	-

5.7.4 Colleges with vocational courses :

(i)	Raiganj (University College)	Sericulture
(ii)	Govt. Degree College, Sikkim	Tourism and Travel Management.
(iii)	P. D. Women's College	Tourism and Travel Management.
(iv)	Alipurduar College	Computer Applications
(v)	Coochbehar College	(a) Communicative English (b) Office Management and Secretarial Practice (c) Advertising, Sales promotion and sales Management.

(vi)	Gour Mahavidyalaya	Communicative English
(vii)	Siliguri College	Computer Applications.

5.7.5 Major highlights during 2002 - 2003

(i) Centre for Distance Education has been set up. P.G. Courses (2 yrs.) in English, Bengali, Nepali, Pol. Science, History, Philosophy, Mathematics have been introduced, U.G. Courses (3 yrs.) in the se subjects and Bridge Course (one year) have also been introduced.

(ii) Off-campus distance Education course leading to B.Sc, Degree in INTERNET SCIENCE and in SOFTWARE SYSTEMS have been introduced in authorised study centre under the control of the University.

(iii) M. Phil. course (1 year) in G.I.S. and Remote Sensing Applications have been started in April 2002.

(iv) M.Sc. in Bio-technology and M. Sc in Computer Science have been started. The first course is assisted by the D.B.T., Govt. of India.

(v) M.Sc. in Anthropology course has been organised. Classes will start from next session. Faculty have been appointed.

(vi) The Centre for local Languages and Culture has organised a number of Seminars and workshops.

Proposal for its own building and academic infrastructure have been submitted to the State Government.

(vii) North Bengal University Alumni Association has been established as a registered society.

5.8 VIDYASAGAR UNIVERSITY

Date of Establishment : 29 September 1981

The University is guided by the Vidyasagar University Act, 1981.

e.mail : HYPERLINK mail to : vidya@dte.vsnl.net.in

The University was established on 29th September 1981 under the Vidyasagar University Act 1981 (West Bengal Act -VIII of 1981). It has been named after Pandit Iswar Chandra Bandyopadhyay, known as Vidyasagar, the great educationist and social worker of Bengal.

The Vidyasagar University was established with a mission to serve the society through development of Higher Education. Moreover, this university intends to serve the local needs depending on ethnic, socio-cultural and geographical factors and at the same time, the demands of mainstream education. The University logo with the motto "Education, Knowledge, Progress" embodies the mission stated above.

UNIVERSITIES

The campus of the university has an area of 182.75 acres (the main campus measuring 103.79 acres, the residential campus 35.09 acres and the third campus 43.97 acres to be developed as the Centres of the university).

The university is an affiliating one with its jurisdiction extending to the limit of Midnapore District or any District, which may be created in future out of any part thereof. Thirty colleges of Calcutta University within the District of Midnapore were initially deemed to have been affiliated to Vidyasagar University after ceasing to be affiliated to that university. Thereafter, a few colleges were established and affiliated to this university, taking the total number to 54. The figure includes three Engineering Colleges located at Haldia and Kolaghat in the district of Midnapore as well as Liluah in the district of Howrah in terms of an order issued by the Department of Higher Education u/s. 5 (2) of the Vidyasagar University Act., 1981.

5.8.1 THE UNIVERSITY AT A GLANCE :

1.	No. of Affiliated Colleges : (i) For Girls (ii) Professional (iii) Engineering (iv) B.P.Ed.	54 02 02 03 01
2.	Teachers Total : (i) University (Sanctioned (ii) College (Sanctioned)	1101 85 1016
3.	Area of the Campus in Acres : (i) Main Campus (ii) Residential Campus (iii) Third Campus (To be developed for Centre)	182.75 103.74 35.04 43.97
4.	University Officers (Sanctioned)	20
5.	Non-teaching Staff (i) University (sanctioned) (ii) Directorate of Distance Education	130 120 10
6.	Students Enrolment (i) Ph.D. (ii) Postgraduate (1st Year) [1999-2000] (iii) Undergraduate (iv) Distance Mode (Bridge, Masters)	 32 1036; M-660,F-376 37200; M-24794, F-12406 7568
7.	No. of Exam. Conducted	06

8.	No. of Faculties	02
9.	No. of Board of Studies & Meetings held during this period (a) Postgraduate (b) Undergraduate	02 46 42
10.	University Library Books Journals (Back Vols.)	 52464 2115

5.8.2 FACULTIES & DEPARTMENT

POST-GRADUATE COURSES

A. FACULTY OF ARTS & COMMERCE

Departments : 1. Bengali; 2.Commerce with Farm Management, 3. Economics with Rural Development; 4. English; 5. History; 6.Library and Information Science; 7.Philosophy and Life-world; 8. Political Science with Rural Administration

B. FACULTY OF SCIENCE

Departments :

1. Applied Mathematics with Oceanology and Computer programming.
2. Anthropology;
3. Botany and Forestry;
4. Chemistry and Chemical Technology;
5. Computer Science;
6. Geography and Environment Management;
7. Human Physiology with Community Health;
8. Physics and Techno-Physics;
9. Zoology

5.8.3 OTHER POST-GRADUATE COURSES : B. TECH. COURSE; M.SC. ETC.

B.Tech Courses	:	i) Chemical Engineering , ii) Computer Engineering , iii) Instrumentation Technology
M.Sc. Courses	:	i) Geography with Environment Management, ii) Microbiology, iii) Electronics, iv) Botany & Forestry (Distance Mode), v) Physics & Techno physics (Distance Mode)
M. A. Courses in Distance Mode	:	i) Bengali, ii) English, iii) History, iv) Political Science, v) Commerce
M.B.A. Course	:	i) Master of Business Administration
M.C.A. Course	:	i) Master of Computer Science

5.8.4 COLLEGES WITH DETAILS OF VOCATIONAL COURSES :

1.	Belda College	Office management & Secretarial Practice
2.	Egra S. S. B. college	Office management & Secretarial Practice
3.	Jhargram Raj College	Functional English
4.	Mugberia C. Mahavidyalaya	Tax Procedure & Practice
5.	Panskura Banamali College	Office Management & Secretarial Practice
6.	Raja N. L. Khan Mohila Mahavidyalaya	Sericulture
7.	Ramnagar College	Industrial Fish & Fisheries
8.	Sabong Sajanikanta Mahavidyalaya.	Industrial Fish & Fisheries
9.	Seva-Bharati Mahavidyalaya	Seed Technology
10.	Y. S. Palpara Mahavidyalaya	Computer Application
11.	Hijli College	(i) Office Management & Secretarial Practice (ii) Computer Application
12.	Subarnarekha Mahavidyalaya	Tax Procedure & Practice
13.	Chandrakona Vidyasagar Mahavidyalaya	Computer Application
14.	Khargapur College	Advertising, Sale Promotion & Sales Management
15.	Bajkul Milani Mahavidyalaya	Automobile Maintenance
16.	Sitananda College (Nandigram)	Industrial Fish & Fisheries
17.	Garhbeta College	Office Management & Secretarial Practice
18.	Mahishadal Raj College	Industrial Chemistry
19.	Moyna College	(i) Agro-Service (ii) Functional English
20.	Prabhat Kumar College	Industrial Fish & Fishery
21.	Pingla Thana Mahavidyalaya	Principles and Practice of Insurance
22.	Haldia Govt. College	Tourism and Travel Management
23.	Midnapore College	Instrumentation
24.	Tamralipta Mahavidyalaya	Tax Procedure & Practice
25.	Khejuri College	Agro-Service

5.8.5 INTRODUCTION OF NEW COURSES AT THE POST GRADUATE LEVEL

1. Microbiology (M.Sc.)
2. Electronics (M.Sc.)

5.8.6 ON-GOING RESEARCH PROJECTS AS ON 01-05-2003

Title of the project	P.I.	Funding Agency	Out-lay	Duration
Elucidation of the Bio-Chemical response of tea plants to attack by Helopettis theivara and to other Botany environmental stress	Dr. Ush Chakraborty Dept. of Botany	C.S.I.R.	Rs. 81,124/-	3 years w.e.f. 22.03.2000
Computer aided Fracture Machanics	Dr. S.C.Pal, Dept. of Computer Application	C.S.I.R.	Rs. 2,36,500/-	3 years w.e.f. 1.5.2000
Screening Extraction and application of botanical fungicides against major foliar fungal pathogens of tea (Camellia sinensis)	Dr. Aniruddha Saha, Dept. of Botany	C.S.I.R.	Rs. 2,27,335/-	3 years w.e.f. 22.5.2000
New Chiral ligand based on bi-aminoacid ester : synthesis, metal complexes and asymmetric induction	Dr. B. Basu, Reader, Dept. of Chemistry	DST	Rs. 11,23,200/-	3 years w.e.f. 2000
Biodiversity characterization at landscape level using remote sensing and GIS in the Darjeeling part of eastern Himalaya.	Prof. A.P. Das, Dept. of Botany	IIRS	Rs.5,26,425/-	3 years w.e.f. Oct. 2000
Production if Transgenic Tea for Fungal resistance	Dr. Arnab Sen, Dept. of Botany	DST	Rs. 7,92,000/-	3 years w.e.f. Jan, 2001

Demonstration and promotion of Mushroom cultivation for SC, ST and weaker sections of North Bengal	Prof. B. N. Chakraborty, Dr. A. Saha and M. Bose Dept. of Botany	DBT	Rs. 6,64,100/-	2 years w.e.f. March, 2001
Modernisation of computing facility	Dr. J. K. Mandal, Dept. of Computer Science	AICTE	Rs. 7,00,000/-	2 years. w.e.f. May, 2001
Natural Resource Data Based	Central Project (CDS)	DST	Rs. 13,13,000/-	3 years w.e.f. Management System of Jalpaiguri
Natural Resource Data Based	Central Project (CDS)	DST	Rs. 13,13,000/-	3 years w.e.f. March,2001
Bio-chemical & immunological characterization of defence related proteins in tea induced by Exobsidium vaxuns and their immuno-cytochemical localization in leaf tissues.	Prof. B. N. Chakraborty Dept. of Botany	DST	Rs. 17,50,000/-	3 Yrs. w.e.f. July, 2001
Associations of PR proteins and activities of perozdase, B-1,3 glucanase and chitinase with induced resistance in tea to biotic and abiotic stress	Prof. B. N. Chakraborty, Dept. of Botany	CSIR	Rs. 17,50,000/-	3 Yrs. w.e.f. 2001
Study on the dynamics of metal-resistant bacterial population-negative isolates.	Dr. Ranadhir Chakraborty Dept. of Botany	CSIR	Rsa. 3,50,000/-	5 yrs. w.e.f. 2.4.2001
Study on the defence related enzymes-pathogens	Dr. Aniruddha Saha, Dept. of Geography	CSIR	Rs. 3,56,000/-	5 yrs. w.e.f. 1.4.2002
Carrying capacity of Teesta basin in Sikkim	Prof. M. M. Jana, Dept. of Geography	Min. Environ-ment	Rs. 33,00,000/-	5 yrs. w.e.f. 13.12.01

Structural studies on Liquid Crystals	Dr. P. K. Mondal, Dept. of Physics.	DST-BMF	Rs. 33,37,400/-	3 yrs. w.e.f. 21.1.02
Exploitation of rhizosphere microbial of tea plants for improvement of their health status	Dr. U. Chakraborty, Dept. of Botany	DBT	Rs. 23,28,000/-	3 yrs. w.e.f. 28.1.02
Participatory and popular protest movement, 1905-1951	Dr. R. Roy Sanyal, Dept. of History	ICHR	Rs. 50,000/-	2 yrs. w.e.f. 1.4.02
Development of Microprocessor based encoder for secured data transmission	Dr. J. K. Mandal Dept. of Comp. science	AICTE	Rs. 2,00,000/-	3 yrs. w.e.f. 16.4.02
Transition Metal Compounds Properties	Dr. P. Bandyo-padhyay, Dept. of Chemistry	CSIR	Rs. 3,66,840/-	5 yrs. w.e.f. 26.7.01
Interlocked Multiplet Problems-Atmosphere	Prof. S. B. Karanjai, Dept. of Mathematics	CSIR	Rs. 3,88,840/-	5 yrs. w.e.f. 1.3.02
Biodegradable thermoplastic starch & Starch linked thermoplastic Gelatinisation, Rheology and Mechanical property	Prof. S. K. Saha, Dept. of Chemistry	CSIR	Rs. 9,46,000/-	3 yrs. w.e.f. 7.4.03
Design and synthesis of newchiral aromatic bisamines for metal catalysed asymmetric reactions	Dr. B. Basu, Dept. of Chemistry	CSIR	Rs. 10,96,000/-	3 yrs. w.e.f.
Health and Social Structure in Sikkim : A study of continuity and change	Prof. R. K.	ICSSR	Rs. 3,00,000/-	2 yrs. 7.4.03

5.9 NETAJI SUBHAS OPEN UNIVERSITY

The University is guided by the Netaji Subhas Open University Act, 1997.

Established by an Act of the State Government (Act XIX of 1997) on the occasion of birth centenary of Netaji, Subhas Chandra Bose, the main objective of this open university has been to

provide higher educational opportunities to those who cannot pursue higher education due to socio-economic conditions, inaccessibility or other limitations.

The Headquarters of the University is housed in a historic building originally owned by Sarat Chandra Bose, a freedom fighter and an elder brother of Netaji .The University at present operates through 36 study centers located in the 36 colleges covering all the districts of West Bengal, as detailed below :-

5.9.1. NAME OF THE STUDY CENTRES

1.	Dum Dum Motijheel College
2.	Basanti Devi College
3.	Gurudas College
4.	Maharaja Monindra Chandra College
5.	Goenka College of Commerce
6.	Surendranath Evening College
7.	Victoria Institution
8.	Shibpur Dinabandhu College
9.	Pravat Kumar College
10.	Raja N. L. Khan Women's College
11.	Tamralipta Mahavidyalaya
12.	Fakirchand College
13.	Haldia Government College
14.	Nistarini College
15.	Behala College
16.	Sonarpur College
17.	Burdwan Raj College
18.	Asansol B. B. College
19.	Suri Vidyasagar College
20.	Nabagram Hiralal College
21.	Chandernagar Government College
22.	Netaji Mahavidyalaya
23.	Krishnagar Government College
24.	Barasat Government College
25.	Sri Chaitanya College
26.	Mahadevananda Mahavidyalaya

27.	Karimpur Pannadevi College
28.	Chakdaha College
29.	Balurghat College
30.	Raigunj University College
31.	Malda College
32.	Krishnath College
33.	Siliguri College
34.	Ananda Chandra College
35.	Coochbehar College
36.	Bankura Christian College

The first academic semester started in July 1998 with introduction of B.A.and B.Com. courses in Bengali medium. The minimum qualification for admission is H. S. pass or equivalent. The duration of the course is three years. A student may, however, complete the course within a period of eight years. The course carries a total credit of 96 (8 credit = 100 marks), as detailed below :–

1. Foundation Course in English - 4 credits
2. Foundation Course in Bengali - 4 credits
3. Foundation Course in Science and Technology - 8 credits
4. Foundation Course in Humanities and Social Sciences - 8 credits
5. Elective (i.e. Honours) subject
   One from a choice of several subjects - 64 credits
6. One Application Oriented subject to be selected in addition - 8 credits

In B.Com., Commerce is itself treated as Honours while in the B.A. Course one of the following subject may be taken up as an elective subject by any student :

1. Political Science
2. Public Administration
3. History
4. Sociology
5. Economics
6. Bengali
7. English

B.Sc. course has been introduced from January 2000 semester with the following subjects :

1. Physics; 2. Chemistry; 3. Mathematics; 4. Botany; 5. Zoology; 6. Geology.

Attempts are being made to introduce P. G. courses in some subjects.

5.9.2. IMPORTANT DEVELOPMENTS –

Progress of the University from January 2002 to March 2003

1. Total enrolment upto January 2003 session – 10,300 – an increase of 7000 students during the period under review amounting to more than 200 per cent.

2. In addition to the following Schools of Studies namely,

   a) School of Humanities

   b) School of Social Science

   c) School of Science

   Currently the University has set up two additional Schools as indicated below:-

   d) School of Professional Studies comprising Education & Management

   e) School of Technological Studies

3. Total number Study Centres at present – 47 (Forty seven) New Study Centres opened during the period – 10 + 1 = 11

   a) Ten Study Centres have been opened for Bachelor Degree Programme in the following Colleges :

      i) Acharya Prafulla Chandra College, Dist, 24-Parganas(N)

      ii) Hiralal Majumdar Memorial College, Kolkata

      iii) Sudhirranjan Lahiri Mahavidyalaya, Dist. Nadia

      iv) Baruipur College, Dist. 24-Parganas(S)

      v) New Alipore College, Kolkata

      vi) Egra Sarada Sashi Bhushan College, Dist. Midnapore (East)

      vii) Tarakeshwar Degree College, Dist. Hooghly

      viii) Bolpur College, Dist. Birbhum

      ix) Ghatal Rabindra Satabarsiki Mahavidyalaya, Dist. Midnapore (West)

      x) Gurudas College of Commerce, Kolkata

One Study Centre has been opened in collaboration with Institute of English, Kolkata, a West

Bengal Govt. Sponsored Institution, for the six month Certificate Course in 'English for Communication'.

4. Academic Programmes:

The University's academic programmes have considerably increased in number as well as in diversity and innovativeness.

New courses launched –

a) A six month certificate course on 'Bachelor's Preparatory Programme' for those who could not complete 10+2 course and now want to pursue higher studies from January 2003 session.

b) A six month certificate course on 'English for Communication' in collaboration with Institute of English, Kolkata from January, 2003 session.

5. Memoranda of Understanding signed for opening Gyan Vani FM Radio station and for opening of New course with the followi8ng organisations:

a) IGNOU – for establishing Gyan Vani FM Radio Station exclusively dedicated to Education and Development.

b) INSTITUTE OF ENGLISH for the certificate course 'English for communication'.

c) CENTRAL INSTITUTE OF INDIAN LANGUAGES (CIIL), Mysore for the certificate course 'ON-LINE BANGLA'.

d) ENTERPRISE DEVELOPMENT INSTITUTE, KOLKATA (EDI-KOL) under Bengal National Chamber of Commerce & Industries, Kolkata for the Diploma Course in 'Entrepreneurship Development and Small Business Management'.

e) WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION AND TRAINING, Govt. of W.B. for Vocational course.

6. Infrastructural Development :

a) The ground floor premises at Garcha Road has been taken on lease (24/8, Garcha First Lane, Kolkata) for setting up an Audio-Studio with the help of ROOPKALA KENDRA, Department of Information and Culture, Govt. of West Bengal.

b) Development of Golpark Premises at 134/1, Meghnad Saha Sarani, Kolkata-29 for Examination Department and School of Technological Studies – Inaugurated by Prof. H. P. Dikshit, Vice Chancellor, Indira Gandhi National Open University and Chairman, Distance Education Council, New Delhi on 30th August, 2002.

7. Computerization :

Over the last six months it has turned into a revolution. NSOU has already been connected with information superhighway through Internet. A new Website of the University has been developed by the in-house experts and launched in January 2003. It is being regularly updated and replenished with current information. We published the result of Term End Examinations December 2002 on the webssite. Online registration, online filling up of examination forms and online distribution of coursewares have been planned within the 10th five-year plan period. Given the relatively late entry of our university in the IT field we have been able to make our website quite up-to-date, interactive and user friendly.

Computerisation has been accomplished in almost all the Study Centres except in a few newly established ones. Not only have their recording and accounting systems been computerized, they are also making available audio-visual instructional materials for their students.

8. Library:

There are two kinds of library the NSOU has developed for its students and scholars. There is a central library which is presently located at the Golpark Campus which is accessible to all the teachers, students, course writers and general scholars.

9. Holding of All India Conference of the Vice Chancellors of Open Universities in collaboration with Distance Education Council :

Netaji Subhas Open University hosted the All India Conference of Vice Chancellors of Open Universities on 2-3 February, 2003 which was attended by all the Vice Chancellors of Open Universities in India and also by the Vice Chancellors of the Universities of West Bengal. The Conference was inaugurated by Proff. Satya Sadhan Chakraborty, Minister-in-Charge, Higher Education Deptt., Govt. of West Bengal. Md. Salim, Minister-in-charge, Minorities Welfare, Self-Employment, Youth Services and Technical Education and Training also spoke on the occasion. Presidential and Keynote address was given by Prof. H. P. Dikshit, Vice Chancellor, Indira Gandhi National Open University and Chairman, Distance Education Council.

10. Research Work in the University :

The University set up a Research Department nine months ago. Two Research Scholars

with NET/SLET Qualification were appointed. ;One of the scholars has been doing research on the Relative Efficacy of English Language Study Materials of Netaji Subhas Open University for acquiring language competence by the NSOU students.

11. Publication of Results :

First batch of University graduates have come out in March, 2003.

a) Total number of students who appeared at the Term-end Examination 3423

b) No. of students who completed all the papers and Passed the Final Examination 335

5.10 THE WEST BENGAL UNIVERSITY OF TECHNOLOGY.

BF-142, Salt Lake, Kolkata –700 064

The West Bengal University of Technology (WBUTech) came into existence on 8th August, 2000. It started functioning with the assumption of office of the First Vice Chancellor on 15th January, 2001 as a sequel to the promulgation of the West Bengal University of Technology Act 2000 under the West Bengal Act XV of 2000 passed by the West Bengal Legislature and published in the Calcutta Gazette (Extraordinary) vide Publication dated 20th July, 2000.

The University commenced its academic programme through its affiliated institutions from 16th July, 2001.

GENESIS

The Government of West Bengal set up an Expert Committee on 31st December, 1998 to explore the necessity and scope for establishment of a distinct Engineering /Technology University in the state under the chairmanship of Dr. Ashesh Prasad Mitra , Scientist- Eminence .

Reviewing the status and issues of technical education at degree and higher level in the country and in the state of West Bengal, the committee observed that the facilities for technical education at degree level in West Bengal require manifold enhancement. The existing and forthcoming engineering and technological colleges badly needed support and guidance of a full-fledged centralized University of Technology for growth and improvement of quality technological education. To achieve self-reliance the country required centers of excellence for evolving world-class technology .The Committee set twin objectives for a separate Technology University :

- to serve as a centre of excellence in teaching and research,

UNIVERSITIES

- to provide affiliation to engineering, technological and management institutes

The Government of West Bengal passed the West Bengal University of Technology Act, 2000 to materialize the vision of the Expert Committee. Under the tutelage of the University, the Committee envisioned, four Schools of Study shall cater to the emerging needs of higher learning:

- School of Applied Sciences
- School of Engineering & Technology .
- School of Management
- School of Advanced Interdisciplinary Study and Research

This University with a difference, which would strive to be a Centre of Excellence for advanced study and research in basic and applied sciences, engineering, technology and management would have certain distinctive features like:

- Post-graduate study and research would be especially emphasized for strong scientific grooming of engineers and technologists.
- The management system of the University would be compact and responsive to global changes in technology.
- The University would have intimate and collaborative linkages with national and international research institutes, universities and industries.
- The faculty would include, besides core faculty, visiting faculties, adjunct faculties and distinguished visitors from industries and front-line academic and research institutes of the country and abroad. In addition, there will be doctoral fellows.
- The University would have an International Centre to organize national and international seminars and conference and lectures by international experts in various fields of science and technology.
- The University would organize programmes and projects to generate resources.

MISSIONS

- To organize undergraduate courses of study in engineering and technology , especially in emerging areas.
- To organize post-graduate programmes in basic and applied sciences, engineering and technology and in such other branches of knowledge as the University may deem

fit, specially with a view to producing scientists, technologists and managers of high calibre capable of contributing towards development of industries based on modern technology in collaboration with industries as well as national and international research laboratories and academic institutions.

- To develop centres of excellence for higher studies and research in basic and applied sciences, engineering, technology and management education.
- To create awareness in key areas of environmental science, conservation of energy and resource, Information Technology , and Bio-Technology .
- To organize continuing education programme for up-dating the knowledge and skills of in-service personnel.
- To undertake such other activities as may be necessary to fulfill the mission of sustaining the emerging areas of Science and Technology.

THE UNIVERSITY CAMPUS

The University is at present located at BF 142 , Sector I, Salt Lake City. Additionally it has been allotted 40 acres of land, as part of 100 acres contemplated for the main campus of the University, on NH 34 near Kalyani. The boundary wall for the allotted land is taken up as at first stage of construction.

ADMISSIONS

Admission to the various University affiliated programme are conducted through Joint Entrance Examinations of the Government of West Bengal for Undergraduate B. Tech / B. Pharm/ B.Arch programme, institutional tests conduced for admission to Management programme and all India tests for PG programme. This year the total number of candidates admitted to the affiliated programme are as per details given below.

Degree Code	Name of Degree	Total Students
1.	B.Tech	6203
2.	B.Pharm	82
3.	B.Arch	0
4.	M. Tech	0
5.	MCA	282

6.	MCA (H)	0
7.	MBA	120
8.	Integrated Post B.Sc. Research	9
9.	BBA	123
10.	BCA	477
11.	BHM	0
12.	BOPTOM	12
	Total	7308

ACADEMIC ACTIVITIES DURING 2002-2003

The main function of this University is to create awareness in science and technology by organizing various courses of study at all levels – undergraduate and postgraduate – with a view to producing scientists, technologists and managers of high caliber capable of contributing towards development of industries, based on modern technology and also to develop center of excellence for higher studies and research in basis and applied sciences, technology and management education.

It is also intended to provide these updated technocrats with modern a qualities for development of infrastructure and industries for a country like ours where industrialization is very essential. Since there is though competition in the market due to globalization, the country needs efficient and qualified scientists, engineers and technocrats to support the process of industrialization. This is an upheaval task being performed by this University, though at present in its infant stage, to take part in production of high level personnel.

A unique Integrated Post B. Sc. Doctoral programme in Physical Science, with S. N. Bose National Centre for Physical Sciences, was proposed by SRISTY, and was duly accorded affiliation of the University. This programme is open to students from any part of India, selected through national level Competition.

The III-C has been amalgamated with The West Bengal University of Technology as the University Department of Information Technology. The students already on the roles of the Institute shall, henceforth, be under the academic and administrative support of the University and shall be awarded BE degree in Information Technology of West Bengal University of Technology on successful completion of the Course.

The University has started its first 2-year M. Tech. Course in Biotechnology at the University premises from January 2003. The University has been accorded a support grant from the

Department of Bio-technology, Government of India, for running the course.

Also the University has plans to start in-house 2 Yr. M. Tech. Programme in Software Engineering in the same premises in order to meet the demand of teachers for Computer Science and IT in general degree colleges. The University has been planning to open the emerging new M. Tech. Course in Nano-materials and Microelectronics from the academic session 2003-2004.

5.11 BENGAL ENGINEERING COLLEGE (DEEMED UNIVERSITY)

P.O. – Botanic Garden, Shibpur, Howrah – 711 103, West Bengal
Ph : 668-0521 to 0532, 668-4561/4562/4563/668-1503(Reg.)
Fax : 668-4564/2916
Email : HYPERLINK mail to : vc@becs.ac.in
Establishment Year : 1856
Deemed University Status : 1992

The Bengal Engineering College (A Deemed University), was established as the Civil Engineering College, Calcutta, on 24th November, 1856 with the idea of introducing engineering education in the country. On 12th February, 1920 the name was changed to B. E. College, Shibpur. The word 'Shibpur' was deleted on 24th March 1921. Till 1992, it was a constitutent college of the Calcutta University. The college was elevated to the status of a Deemed University in 1992 and was formally inaugurated as a Deemed University by the President of India, Dr. Sankar Dayal Sharma, on March 13, 1993.

The B. E. College situated adjacent to the Indian Botanical Garden, covers an area of nearly 49 hectares. It is 8 km from the heart of the city through Vidyasagar Setu.

Academic Programmes :

The College offers undergraduate courses leading to B. E./B.Arch. degree in nine Engineering & Architecture branches with a total intake of 427 students per year. The non-Engg. Branches (Physics, Chemistry, Mathematics, Geology & Humanities) offer various courses to the students of all branches. Postgraduate courses (3-semester) are offered in seven disciplines and a 6-semester course in Master of Computer Applications is run by the CST Department. M.Sc. course in Applied Physics, Applied Chemistry and Applied Mathematics have been introduced as non-engineering courses whereas B.E. in Information Technology has been introduced during the year. In addition, an M.Tech. Course is being offered through Purabi Das Institute of Information Technology, an Institution attached to the B. E. College (A Deemed University).

The Deemed University offers 10 Doctoral Fellowships and till date 40 Faculty members and scholars have registered for Ph.D. in various disciplines. The University has also been approved as a QIP center for M.E. Course in Civil, Electrical Engineering, Computer Science & Technology etc.

Academic Departments organize continuing education programmes, both long terms and short term like PG part time Evening Courses, Summer and Winter Schools, independently. The Departments also regularly organize Seminars/Workshops/Conferences for working engineers in collaboration with the industries and professional societies of National & International level. PG Courses on IT and MBA Courses for Working Engineers will be introduced very soon. Already the School of Management Sciences, offering a full-time MBA Course, has been launched successfully.

In this context infrastructure development and consolidation of academic programmes are felt necessary. In future, use of modern teaching aids with the help from Educational Technology Centre should be coupled with optimal use of computer network. It is planned to set up a wing for mass S & T education.

With these ideas in view, the following Centres of Excellence are being proposed to be set up :

(a) Continuing Education Centre for Rural Developments
(b) Environmental Engineering
(c) Materials Science & Engineering

The interaction with the industry personnel through invited lectures is high on the agenda of the already established Industry/Institute Partnership Cell of this University. Some new tenure type positions are planned to be created in each department to bring in eminent academicians, technologists and managers from other institutes and industries, or even from abroad, to bolster the activities of the individual departments.

PROGRAMMES AND INTAKE :

Undergraduate Course (BE/B.Arch.)

Departments	Intake	Duration	Nature
Civil Engineering	90	4 yrs..	8 Semesters
Electrical Engineering	65	4 yrs.	"
Mechanical Engineering	65	4 yrs.	"
Metallurgical Engineering	35	4 yrs.	"
Electronics & Tele-Communication Engineering	35	4 yrs	"
Mining and Geology	30	4 yrs	"
Computer Science & Technology	25	4 yrs.	"
Architecture, Town & Regional Planning	22	5 yrs.	10 Semesters
Information Technology	60	4 yrs	8 Semesters

Outside regular engineering branches, the non-engineering branches like Chemistry, Physics, Humanities, Mathematics and Geology offer a considerable number of courses to the students of all branches.

P.G. Courses (Session 2002 – 03) :

Disciplines	Deptt. Intake	Duration	Total intake
*Civil Engineering	32	4 Semesters	—
*Electrical Engineering	20	"	—
Mechanical Engineering	22	"	—
Metallurgy	19	"	—
Electronics & Telecommunication Engineering	16	"	—
Computer Science and Technology	16	"	—
Engineering Mechanics	18	"	—
Mining Engineering	14	"	—
Master of Town and Regional Planning	16	"	—
Master of Computer Application	30	"	—
Master of Business Administration	40	"	—
		Engineering M.B.A.	203 40

*Approved as Q.I.P. Centres

P.G. Electrical Engineering Diploma, Intake 20

Other Programmes :

— **Doctoral**
Awarded – 10
Registered – 40

— **Continuing Education**
Organises Summer & Winter School & Seminars etc.

— **Research & Consultancy**
Sponsored by State Govt. DST, ISRO, CSIR, UGC, MHRD, Bhaba Atomic Research Centre, Electronics Commission, National Metallurgical Laboratory, State Engineering Departments.

— **Department of Human Resource & Management**
Placement of Students

— **Computer Centre**

— **Centres for Advanced Study & Research assisted by M/s M.N. Dastur & Co. and special assistance from UGC and Govt. of West Bengal**

(a) Materials Science Centre; (b) Bio-Engineering Centre; (c) Environmental Science and Engineering Centre, Centre for Studies in Urban & Regional Development.

No. of Teachers
Engineering Departments – 159
Non-Engineering Departments – 30

Students Accommodation
Residential : Boys' Hostels – 14
Girls' Hostel – 1

Research & Development Activities :

The vision of B.E.College(D.U.), is to function as a research-intensive University whose prime area of activity would be (a) Creation of knowledge and (b) dissemination of knowledge in an environment of research which ensures that teaching and learning and conditioned by latest research findings.

The University offers postgraduate courses in 21 areas of specialisation in traditional and emerging disciplines. The academic departments are actively engaged in various research activities and consultancy projects, sponsored by International/National/State agencies. Out of the 93 labs of the University, 45 are dedicated to postgraduate studies and research. Results of research undertaken during the last 3 years have been incorporated in 700 papers which have been published in journals and conference proceedings of national and international repute. In the last financial year total of 46 research projects sanctioned for B.E.College(D.U.), sponsored by various funding agencies, which comes to a sum of about Rs. 3.8 crores outlay. Presently 79 ongoing research projects are running. In the year 1997, Industry-Institute-Partnership Cell has been established to promote research and interaction amongst industry and the University.

The Applied Mechanics Dept. has developed Bio-Engineering lab., Mechatronics and Robotics Lab., Fluid power systems and control lab. The department is carrying out 9 sponsored projects funded by various govt. funding agencies. The department has implemented may research projects successfully funded by ISRO, NASA, Delft University of Netherlands, Clemson University of U.S.A. and others. Out of many areas of specialisation the department is offering its expertise on finite

element analysis of structure, computational fluid dynamic problem, design of structures under wind and earthquake loading, problems related to human body mechanics etc.

The CAAD and GIS lab. are being developed by the Architecture Department. The major research and development emphasis are given in the Civil Engg. Dept. on structural, Geotechnical Environmental, Transportation and water resource engineering. Out of many notable research findings design and development of Arsenic removal filter, application of Jute Geotextile in construction Engg., design of industrial waste disposal technique are noteworthy. The department is engaged in various consultancy and investigation projects in different national and international agencies. The department is offering specialised training facility tailor-made for the industries.

The Mechanical Engineering Dept. has many areas of specialisation of research. Tribology and Terotechnology, Non-traditional machining process, circulating fluidized lead boiler and pollution free combustion, non destructive testing and tomography are a few. The department rendered its consultancy services on design of air pollution control device for re-rolling mill furnace, yarn illuminating system for textile industries, failure analysis of Jaw Crusher etc. The department is offering specialised training programmes for industry personnel.

The Electrical Engineering dept. has specialisation areas on electrical machines, control systems, power systems, power electronics and instrumentation. The department is carrying out number of research projects that includes development of a low cost sensorless switched reluctance motor drill, spectral identification of potentised homeopathic medicine etc. The department is preparing to develop automatic control and computational intelligence, green power technology illumination Engg. Opto-electronics and photonies and Nanotechnology for fundamental and applied researches.

The Metallurgy Dept. has been remarkably progressing in several areas such as development and evaluation of HSLA forging, high strength ferrous alloys etc. Metallographic Polishing Laboratory, instron testing machine are a few milestones in the department for industrial research.

The Mining & Geology dept. has been strengthened by a number of sponsored researches and consultancy works. Out of its many specialisation Mine safety engineering, mine environmental engineering Mineral benefaction and GIS application in mines are being developed over the years for utilising in industrial consultancies.

The Electronics and Telecommunication Dept. is developing its specialisation on VLSI design of video compression system applicable to video telephony and alternative development of renewable energy system. Many research projects are ongoing in the department in the areas of solar cell development, image processing, instrumentation , microprocessor based system etc.

The Computer Science & Technology Dept. has undertaken several projects notably the Moving base INS Alignment (funded by DRDO), the Robot Vision & Neural Net Computation (funded by MHRD), etc.

The supporting departments have remarkable infrastructure to take up industrial collaborative research.

The Chemistry Dept. is working on a number of MHRD projects, which concentrates on studies on Optical and Magnetic properties & Electrical Conductivities of different transition metal compounds in different oxidation states.

The Mathematics department is working techniques of Non-linearity in Partial Differential Equations.

The Physics Dept. has done laudably in development of Non-destructive Testing Laboratory Electro-ceramic Processing & Characterisation Laboratory, optical fibre application and acoustic engineering.

Other than the core engineering branches, interdisciplinary researches are also being carried on through multidisciplinary approaches.

PROFILE OF THE DEPARTMENTS

CIVIL ENGINEERING

INTAKE
B.E. - 90
M.E. – 32
Foreign students – 10

PRACTICAL TRAINING
1 month for 6th Semester students

FACULTY PROFILE
Professor – **6,** Assistant Professor – **9,** Lecturer – **12.**

CONTINUING EDUCATION PROGRAMME

Bridge Engg. Tunnel, Geotechnical Investigation, Behaviour of Piles, Special Concrete, Emerging building materials, Aseismic Design of Buildings, Tall Bldgs., Limit State Method of R. C. Design, Computer Software.

PROPOSED

Computer Programming in Surveying, Computational Methods in Civil Engineering, Groud Improvement Technology.
Evening Course leading to Regular Post Graduate Degrees

3 M.E. COURSES (Part time)

Structural Engineering,; Geotechnical Engineering; Environmental Engineering.

APPROVED CENTRE FOR M.E. (CIVIL)

Under the Q.I.P.
Sort term courses.
Research & Development Programmes

PROJECTS COMPLETED/UNDERTAKEN

Behaviour of Piles under Inclined Pull - CSIR
Dev. of Low Cost Maerials for Rural Housing – MHRD
Application of Geo-Jute in Erosion Control – IJIRA & IJMA
Dev. of Geo-Jute in Civil Engineering Construction – U.G.C.
Dev. of Dynamics Lab. – MHRD
Dev. of Geotechnical Engg. Lab. – AICTE, MODROB Poject.
Industry-Institute Interaction through R/D consultancy/Seminar-BOPT, NBCC
PWD, I&T, CESC, Calcutta Port Trust, IJIRA, IJMA, JNDC etc.

ELECTRICAL ENGINEERING

INTAKE
B.E. - 65
M.E. - 20
Ph.D. : Enrolled - 7, **Submitted –** 2, **Awarded -** 3

PRACTICAL TRAINING
4 weeks

TOUR OF STUDENTS
1 week in Industry

FACULTY PROFILE
Professor – **3**, Assistant Professor – **10**, Lecturer –**10**,
Emeritus Scientist (Professor) **- 1**

Faculty Improvement Programmes - 14 laboratories

NO. OF PUBLICATIONS

BOOKS PUBLISHED = 7 (4 Texts)

PROJECTS COMPLETED/UNDERTAKEN -

15 Projects under CSR/MHRD/AICTE/Electronics Commission/UGC/DST. Industry Institute-inter-

action through R & D Consultancy/Seminar – TELK, CESC, WBSEB, DPL, PDCL, BEL, BELL Lab.(USA), Industrial Houses, Engg. Companies, Sur Industries, Bharat Foundation, Hindustan Engineering, IEE, BEC Alumni Association (Delhi), Texas A & M University (USA) etc.

MECHANICAL ENGINEERING

Ph.D. : Enrolled - 6, **Awarded -** 1

PRACTICAL TRAINING – 4 weeks

FACULTY PROFILE

Professor – **3,** Assistant Professor – **9,**

Lecturer – **10 (one on study leave running four years)**

NO. OF PUBLICATIONS – 16 (international), 3 (National)

PROJECTS COMPLETED/UNDERTAKEN –

7 under CSIR/MHRD/AICTE/DST/DOE/DAE/DRDO/ISRO/DBT/DOD/World Bank, State Govt. etc.

INDUSTRY-INSTITUTE INTERACTION

Fields 6 broad areas-agencies – GKW, GRW, Ordnance Factories. Company & Industry personnel & academician & Technical personnel of different institutions, companies, engineering industries, WBPPCB, PB Bigyan Mancha, FOSET, AGRA-GATI, NGOS, WBREDA, Mangal Stee, Juliram Shyamlal etc. Alloy Steel-Re-rolling Mills.

COMPUTER SCIENCE & TECHNOLOGY

INTAKE

B.E. - 27

M.E. – 15

M.C.A. - 30

Ph.D. : Awarded - 5

PRACTICAL TRAINING

Vocational Training of 8 weeks in industry for 6th Semester students of B.E. Course. 1 Semester Training in Industry of 6th Semester Students of M.C.A. Course.

FACULTY PROFILE

Professor – **1,** Assistant Professor –**5,** Lecturer -**7**

CONTINUING EDUCATION PROGRAMME

Short term courses offered and proposed 3 + 2

Laboratories – 4

NO. OF PUBLICATIONS – 41.

PROJECTS COMPLETED/UNDERTAKEN –

11 under MHRD, AICTE, World Bak, DRDO etc. –
Two projects under DRDO Hyderabad, completed.
Two projects undertaken from DRDO, Hyderabad.
One Project from Aeronantical Development Agency, Bangalore.
One Modrob Project from AICTE.
One Taptec Project.

INDUSTRY-INSTITUTE INTERACTION

Intel Corporation, USA, Fujitsu Micro Electronics, USA – MOU & Joint Patent with Intel Corporation USA.

ELECTRONICS & TELECOMMUNICATIONS

INTAKE
B.E. - 40
M.E. - 16
Ph.D. : Enrolled - 5, **Awarded** - 1

PRACTICAL TRAINING

8 weeks industrial training (IMPACT). 8 weeks Industry Attachment Programme.
Continuing Programme –5, Laboratories – 15.

FACULTY PROFILE

Professor – **3 (1 vacant),** Assistant Professor – **5,** Lecturer - **4**

NO. OF PUBLICATIONS – 50 (National & International).
BOOK - 3 Nos.

PROJECTS COMPLETED/UNDERTAKEN - 10
Under AICTE, UGC, MHRD, World Bank, State DST, Ministry of Information Technology.

METALLURGICAL ENGINEERING

FACULTY PROFILE
Professor – **1,** Assistant Professor – **5,** Lecturer -**5**
NO. OF PUBLICATIONS (2002-03) - 03 (National & Internationa)

LABORATORIES - 15

UNIVERSITIES

PROJECTS COMPLETED/UNDERTAKEN – 11
Under ISRO, MHRD, BRNS, NCML, DRDO, DTSR, CSIR, Ocean Naval – 03 (2002-03)
UGC – 1 No and Ministry of Steel – 2 Nos.

INDUSTRY-INSTITUTE INTERACTION_– GPI, Calcutta.

MINING & GEOLOGY

FACULTY PROFILE

Professor – **2,** Reader – **1,** Assistant Professor – **3,** Lecturer – **6**
Patent – 1 No., **Monographs** – 3, **Seminar** – 8 Proc., **Laboratories** - 9

NO. OF PUBLICATIONS – 98 (National & International)

PROJECTS COMPLETED/UNDERTAKEN – 8

Under AICTE, UGC, MHRD, DST, DCA, DST (Central), Industry sponsored.
APPLIED MECHANICS & DRAWING

INTAKE

P.G. (ME) - 17
Ph.D. : Awarded – 1, **Ongoing** – 9, **Thesis viva-voce awaiting** - 1

FACULTY PROFILE

Professor – **4,** Assistant Professor – **9,** Lecturer – **12, Vacant - 3**

CONTINUING EDUCATION PROGRAMME - 4

NO. OF PUBLICATIONS_- 96 (National & International) in last 3 years.
Laboratories – 9, **Centres** – 2 (in progress)

PROJECTS COMPLETED/UNDERTAKEN – Completed - 8, Ongoing – 9.
Under AICTE, ISRO, NASA, INDUSTRY INSTITUTE INTERACTION, DST, RCI, UGC, BRNS Agencies – 1.
I&W Deptt of Govt. of West Bengal, Larsen & Tourbo Ltd., CMDA, Calcutta River Research Project, Govt. of West Bengal, Tractors India Ltd., Industrial Repose, Howrah, River Research Institute, Govt. of West Bengal.

CHEMISTRY

FACULTY PROFILE

Professor – 1, **Assistant Professor** – 3, **Lecturer** – 3, **Demonstrator** - 1

COURSES

— Supporting Courses to Engineering Students

— Metallurgical Analysis Course
— Short term Evening Course

NO. OF PUBLICATIONS – 55 (National & International)

LABORATORIES – 5, **INTERNATIONAL CONFERENCE** – 8,

BOOKS – 1, **NATIONAL JOURNAL** – 2, **INTERNATIONAL JOURNAL** -16

PROJECTS COMPLETED/UNDERTAKEN – 10

Agencies – UGC, AICTE, CSIR, DST & DRDO
Ph.D. : Enrolment - 8, **To be enrolled** – 4, **Awarded** - 2
ARCHITECTURE, TOWN & REGIONAL PLANNING

INTAKE
B.E. - 24
M.E. - 16

PRACTICAL TRAINING – 6 months in the 9th Semester of B. Arch.

TOUR – 10 days in different parts of the country.

FACULTY PROFILE

Professor – **3,** Assistant Professor – **5 + 1 (Not transferred),**
Lecturer – **3 + 1 SC/ST (not filled up)**

CONTINUING EDUCATION PROGRAMME – Short terms courses offered in (3 branches)
— Computer aided design and drawing/valinatic/Draftsmanship

NO. OF PUBLICATIONS – 24 (National & International).

LABORATORIES - 5

PROJECTS COMPLETED/UNDERTAKEN - 3

HUMANITIES
FACULTY PROFILE

Professor – **1,** Assistant Professor - **2 (Vacant – 1),** Lecturer - **3**

CONTINUING EDUCATION PROGRAMME – Spoken English, Society & Environment.

NO. OF PUBLICATIONS – 14 (National & International)

FACULTY IMPROVEMENT PROGRAMME – 4

COURSES
Supporting Courses on English, Economics, Sociology, Finance, Organisational Structure & Personnel Management for BE/ME/MCA and MBA students.

UNIVERSITIES

MATHEMATICS

FACULTY PROFILE

Professor - **2,** Assistant Professor - **5,** Lecturer - **4**
Vacant : Asst. Prof. – 2, Lecturer – 1.

NO. OF PUBLICATIONS - 27 (National & International Journals) in last 3 years.

Ph.D. Awarded – 4, **Ph.D. enrolled** - 10

LABORATORIES – 3

PROJECTS - 1 (coming) Agencies – UGC.

PHYSICS

FACULTY PROFILE

Professor – **1(Vacant with lien),** Assistant Professor - **2,** Lecturer - **3,**
Demonstrator - 1

CONTINUING EDUCATION PROGRAMME - 3

NO. OF PUBLICATIONS – 36 (National & International),

PROJECTS COMPLETED/UNDERTAKEN – 3 (Agencies – AICTE, MHRD, CSIR)

HUMAN RESOURCE MANAGEMENT

FACULTY PROFILE

Professor - **1,** Assistant Training Officer **– 1**

COURSES

Supporting Courses to UGF & PG students of different Engineering & Management branches.
(ii) Training & Placement
(iii) Entrepreneurship Development & Management.

Entrepreneurship Development Cell established by D.S.T., Govt. of India & promoting Entrepreneurship education & culture in the Eastern Region.

NO. OF PUBLICATIONS – 15 (National & International)

LABORATORY – 1 **PROJECTS** - 2

INDUSTRY-INSTITUTE INTERACTION – BNCC, CII, Bengal Chamber of Commerce etc.

CENTRAL COMPUTER CENTRE

FACULTY PROFILE

Currently being run by Faculty Members of various departments.
Continuing Education – Short Introductory Courses.

5.12 CORRESPONDENCE COURSES IN UNIVERSITIES

The University of Burdwan and the Vidyasagar University have introduced Correspondence Courses in some Arts and Commerce subjects for the P.G. Courses in 1994-95. The details of the courses for each University are given below :–

UNIVERSITY	LEVEL	SUBJECT	DURATION
Burdwan University	P.G.	English, Bengali, Philosophy, History, Pol. Science & Commerce (6 Subjects)	2 yrs
Vidyasagar University	P.G.	English, Bengali, History, Pol. Science & Commerce (5 Subjects)	2 yrs

5.13 U.G.C. RECOMMENDATIONS FOR THE NINTH PLAN

5.13.1 New Courses / Special topics in the Universities and teaching posts sanctioned by the UGC and the State Government for the 9th Plan.

In order to formulate the 9th Five-year Plan, the University Grants Commission considered, in particular, the introduction of new courses/special subjects in existing courses in the universities and the sanctioning of teaching posts required for the purpose. The State Government has since created 52 posts of teachers on the basis of the approval by the U.G.C, as given below.

University	Name of the Department	Teaching Posts		
		Professors	Reader	Lecturer
1. Calcutta University	1. Genetic Engineering & Bio-Technology	—	1	1
	Total :	—	1	1
2. Jadavpur University	**Engineering and Technology** 1. Control System Engineering (Electrical Engineering)	1	—	—
	2. Information Technology	1	—	1
	3. Transportation Engineering	1	—	—
	4. * Instrumentation Engineering	—	1	—
	5. Printing Engineering	—	—	1

	6. Power Plant Engineering	—	—	1
	7. Multi Media Development	—	—	1
	Arts and Science Faculty			
	1. Applied Economics	1	—	—
	2. Applied Linguistic	1		
	3. Life Science (Bio-Technology)	1		
	4. Coastal Zone Management	1	—	—
	5. Cognitive Science	1	1	—
	Total	**8**	**2**	**4**
3. Burdwan University	1. Tourism Administration	—	1	1
	2. Micro-biology	—	1	—
	3. Industrial Relation & Personnel Management	—	—	1
	4. Journalism & Mass Communica-tion	—	—	1
	5. Sociology			1
	Total	—	**2**	**4**
4. Kalyani University	1. Folklore	1	—	1
	2. Computer Science	—	—	1
	3. Ecology	—	—	1
	4. Library Information Science	—	—	1
	5. Biochemistry	—	—	1
	Total	**1**	—	**5**
5. Rabindra Bharati University	1. Dance	—	1	—
	2. Sculpture	—	1	—
	3. Graphics	—	1	—
	4. Applied Art	—	1	—
	5. Education	—	—	2
	6. Library & Information Science	—	—	1
	7. History of Art	—	—	1
	8. Centre of Mass Communication	1		1
	Total	**1**	**4**	**5**
6. North	1. Anthropology	—	—	2

Bengal University	2. Zoology	—	—	1
	3. Philosophy	—	—	1
	4. Bengali	—	—	1
	Total	—	—	**5**
7. Vidyasagar University	1. Micro-biology	1	—	—
	2. Computer Science		1	
	3. Human-Ergonomy Community Health	—	1	—
	4. Cognitive Science			
	5. History of Science	—	—	—
	6. Environmental management	—	—	1
	7. Industrial Chemistry	—	—	1
	8. Electronics	—	—	1
	9. Comparative Literature	—	—	1
	10. Fishery	—	1	—
	11. Oral Literature	—	—	1
	Total	**1**	**4**	**5**

13.2. Total No of Posts Sanctioned by the UGC for the 9th Plan and Approved by the State Government (Synopsis)

Institute	Prof.	Reader	Lecturer	Total
1. Calcutta University	—	1	1	2
2. Jadavpur University	7	2	4	14
3. Burdwan University	—	2	4	6
4. Kalyani University	1	—	5	6
5. Rabindra Bharati University	1	4	5	10
6. North Bengal University	—	—	5	5
7. Vidyasagar University	1	4	5	10
TOTAL	**10**	**13**	**29**	**53**

5.13.3 Grants received during the 9th Plan period from UGC / AICTE/Distance Education Council etc.

Name of the University	Staff Salary	Construction	Books & Journals	Equipment	Others
1. Vidyasagar University	67.00	48.00	10.00	10.00	83.00
2. North Bengal University	17.30	56.00	34.30	52.00	141.13
3. Burdwan University	29.80	64.00	30.00	42.00	488.84
4. Bengal Engineering College [Deemed University]	—	—	18.00	—	360.92
5. Kalyani University	57.00	75.00	40.00	62.00	-
6. Jadavpur University	113.00	101.00	87.00	237.00	357.00
7. Rabindra Bharati University.	80.00	50.00	41.00	30.00	69.00
8. Calcutta University	Nil	30.00	84.44	1.55	264.57
9. Netaji Subhas Open University	Nil	Nil	Nil	Nil	133.00

CHAPTER – 6

OTHER UNIVERSITIES

6.1. Other State aided Universities in West Bengal

6.2. Central Universities in West Bengal

6.3. Institutes of Importance

CHAPTER – 6

OTHER UNIVERSITIES

6.1 OTHER UNIVERSITIES IN WEST BENGAL

6.1.1 BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252.

The Bidhan Chandra Krishi Viswavidyalaya is a State agriculture university under the administrative jurisdiction of the Department of Agriculture, Govt. of West Bengal. It is situated at Mohanpur under Haringhata P.S. in the district of Nadia. The University confers degrees at the Undergraduate and post graduate levels in agriculture, horticulture, agriculture engineering etc. The University has six Regional Research Stations representing each soil-agroclimatic zone in the State supported by a number of Regional Research Sub-Stations in each zone.

6.1.2 WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

37 & 68, Khudiram Bose Sarani, Belgachia, Calcutta 700 037
Phone: 2556-5021
Date of establishment: 2-1-1995 .
(Under the West Bengal University of Animal Science and Fishery Science Act, 1995)

The University is located in the old Bengal Veterinary College Campus on either side of Kudhiram Bose Sarani in Belgachia. The arching entrance looks imperial and successfully conveys the impression that the university is rich in history and tradition.

FACULTIES

Faculty of Veterinary and Animal Sciences.
Faculty of Dairy Technology.
Faculty of Fishery Science.

Degree	Seats	Duration
(a) Bachelor of Veterinary Science (B.V. Sc. & A.H.)	102	5 years integrated course with 6 months internship training.
(b) M.V. Sc. & A.H.	108	2 years (course credit-system)
(c) Ph. D.	29	2 years (course credit-system)

(a) B. Tech. (D.T.)	31	4 years integrated course including 6 months in plant training.
(b) M. Tech. (D.T.)/M.Sc. (Dairy)	27	2 years (course credit system)
(c) Ph. D.	6	2 years (course credit system)
B. F. Sc.	31	4 years integrated course including 6 months farmhouse training.

6.1.3 THE WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCE

Aranya Bhavan, 10A, L A Block,
Sector III, Salt Lake City, Calcutta - 700098
Ph : 2335- 0534 / 7379
Fax: 033 - 2335 - 7422

The West Bengal National University of Juridical Sciences came into existence in August 1999 under Act IX of 1999 passed by the West Bengal Assembly. The University commenced its academic programmes from 1st June, 2000.

AUTHORITIES OF THE UNIVERSITY

The Act contemplates a General Council, an Executive Council, an Academic Council and a Finance Committee. The Chief Justice of India is the Chancellor of the University and Chairman of the General Council.

Funded by the West Bengal Government, NUJS is set to become a centre for excellence in legal studies and research enabling law to serve a legal role in development and social justice.

ADMISSION

The National Admission Test was held on 16th April, 2000, and the admission process was completed by 31st May, 2000. 100 students were admitted in the first batch. The annual intake in the 1st year of the 5 years B.Sc/B.A.LL.B(Hons.) course is now fixed at 80 only.

ACADEMIC ACTIVITIES

- **Class**

An orientation for the first batch of students admitted for the year 2000-2001 took place on 31st May, 2000. The classes commenced on 1st June, 2000 and the 1st semester was successfully completed by 30th September, 2000. The method of teaching is cooperative where dialogue and discussion between the teachers and the taught take place during which there is broad-based

learning for everyone. The 2nd semester commenced from 2nd November, 2000 and is now continuing. It will end by 30th March, 2001. The students are participating in several moot courts and co-curricular competition at Bangalore, Pondicheri and Kerala. In Client Counseling competition.

NUJS stood third in all India merit in which nearly a dozen leading law schools participated.

- **COURSES OFFERED :**

The courses offered by the University are :

Sl. No.	Courses offered	Male	Female	Total
1.	B.Sc./B.A. LL.B (Hons.)	52	48	100
2.	LL.M	3	0	3
3.	M. Phil	4	0	4
4.	Ph. D	Nil	Nil	Nil
5.	LL.D	1	0	1

Schools under the University

The specialised schools integrated into the University's overall scheme of teaching and research are :

1. The School of Criminal Justice and Administration
2. The School of Economic Laws and Governance
3. The School of Technology Law and Sustainable Development
4. The School of Legal Practice and Professional Development

of which The School of Criminal Justice and Administration is already working on a major project on Reforms in Criminal Justice Administration. The Project is funded by the Ford Foundation for a two year period.

- **Faculty and staff of the University**

The University at present has fourteen (14) members in the teaching Faculty of whom five belong to social sciences and eight to different branches of Law.

The administrative staff is limited to twenty two(22) members only, including a senior Faculty member officiating as the Registrar of the University.

- **Library**

The Library has well over 10,000 volumes already part of which was received as gifts from distinguished judges, lawyers and academic institutions.

OTHER UNIVERSITIES

• Visitors to the University

The University has a steady stream of distinguished visitors which included sociologist Prof. Andre Beteille, U.N. economist Mr. R. Sudarshan, United States Justice Fern Smith, and renowned Patent Attorny from U.S.Mr. Shantanu Basu. Special lectures were given by them which were followed by discussions with Faculty and students. The University has launched a Public Forum known as KNOWLEDGE SOCIETY under which regular lectures/discussions are planned for disseminating knowledge on Law in society.

• University Publication

The University has already published a book entitled Judicial Education and Training by its Vice Chancellor, Prof. N.R.Madhava Menon, co-authored by Dr. David Annoussamy and Mr. D.K.Sampat. The book was released by the Chief Justice of the Calcutta High Court. The University is bringing out its first newsletter in January, 2001, and the Journal of the University is scheduled for release by April, 2001

EXTENSION ACTIVITIES OF THE UNIVERSITY

• Environmental Law Workshop

In April, 2000, a week long Environmental Law Capacity Building Workshop was organised which was attended by the Pollution Control officers from the eastern and north-eastern states. The workshop was in collaboration with CEERA and NLSIU Bangalore.

• Foundation Training for Judicial Officers

The University in collaboration with the High Court of Calcutta, organised a month long, residential Foundation Training Programme for fifty Judicial Officers in the State of West Bengal. The training took place in two batches giving the trainee judges necessary knowledge and skills to function in Court. Vice Chancellor Prof. N. R. Madhava Menon coordinated the course and the School of Criminal Justice Administration of NUJS organised it on requested from the High Court.

• Centre for women and children

The Centre for women and children of NUJSproposes to formulate a curriculum for sensitizing the Judges on gender issues in collaboration with the National Commission on Women. The workshop for developing the curriculum is scheduled to be held in later part of February, 2001.

• Permanent Campus

The permanent building of NUJS is a five acre plot allotted by the Government in Salt Lake.

6.1.4 THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-1, Salt Lake, Kolkata-700 064
Year of establishment : 2002
Phone No. 2321-5388, Fax : 2321-5389

The West Bengal University of Health Sciences started functioning from 1st January, 2003 for the purpose of Affiliating, Teaching, Training and Researching Modern System of Medicine, Homeopathic System of Medicine, Ayurvedic System of Medicine, Unani, Nursing, Pharmacy, Dental and Other Related Medical Sciences, Students of MBBS, BDS and Nursing who are appearing jointly this year will be affiliated under this university. This university will conduct postgraduate entire examination from this year. Gradually step by step all other branches of Medical Sciences will come under the same umbrella of this university. The aim of this university is to improve teaching, research and educational standard of Health Sciences.

6.2 CENTRAL UNIVERSITIES IN WEST BENGAL

6.2.1 VISVA-BHARATI

Santiniketan, Dist.-Birbhum, Pin-731235
Year of establishment : 1951 (as a Central University)

This institution was, started by Maharshi Debendranath Tagore in the form of an 'ashrama' in 1863. Rabindranath Tagore started a 'Brahmacharya Ashrama' here in 1901. On December 23, 1921 Visva-Bharati became a registered public body with a constitution of its own. In May 1951 Visva-Bharati was declared to be a Central University and an Institution of National Importance. It conducts courses in arts, fine arts, science, agriculture, education, etc. It is also a centre for research on works and ideas of Rabindranath Tagore.

CHARACTER

A unitary teaching and residential university ;

Academic session–1 July to 30 June ;

Medium of instruction—Bengali (School) English (University) ;

Academic privileges to foreign students ;

Research fellowship programme for foreign students ;

Classes often held in open air ;

A centre for realising both the external and internal features of India and fusion of Oriental and Western cultures.

OTHER UNIVERSITIES

CURRICULUM

Originally a repudiation of the colonial system of education—an unconventional University with unconventional curriculum having joyful, artistic, creative expression in an environment of music, painting and dramatic performances in consonance with Nature.

FACULTIES AND INSTITUTIONS

Vidya Bhavana (Institute of Humanities)

Siksha Bhavana (Institute of Science)

Kala Bhavana (Institute of Fine-Arts)

Sangeet Bhavana (Institute of Music, Dance and Drama)

Rabindra Bhavana (Institute of Tagore Studies, Museums and Archives)

Vinay Bhavana (Institute of Education)

Palli Sangathana Vibhaga (Institute of Rural Reconstruction)

Palli Siksha Bhavana (Institute of Agricultural Science)

Patha Bhavana (Institute of Secondary Education)

Sikas Satra (Institute of Secondary Education)

Uttar Siksha Sadana (Institute for Higher Secondary Education)

Siksha Charcha, (Primary Teacher's Training Centre)

Agro-Economic Research Centre.

VIDYA BHAVANA

B.A. (Hons.) –Three year.

Subjects: Ancient Indian History, Culture & Archaeology, Bengali, Economics, English, Geography, Hindi, History, Mathematics, Oriya, Philosophy, Comparative Religion and Sanskrit. Course in Tagore Studies (compulsory for all).

Chinese course—Hons. Four year.

M.A.—Two year.

Subjects: all B.A.Hons.—Subjects, Chinese and Indo-Tibetan studies.

Two year Certificate Course

Subjects: Bengali, Santhali, Assamese, Oriya, Hindi, Tamil, Marathi ; Sanskrit, Pali, Arabic, Persian, Urdu, Chinese, Japanese, Tibetan, German, Russian, Italian and French.

One-Year Diploma Course

Subjects: Same as in Two-year certificate course.

One-Year Advanced Diploma Course

Subjects : Tibetan and Russian.

One-year Certificate Course for foreign casual students.

Ph.D. Programmes.

SIKSHA BHAVANA

B. Sc. (Hons)–Three year.

Subjects: Physics, Chemistry, Mathematics, Botany, Zoology and Bio-technology.

M.Sc. – Two year.

Subjects : all B.Sc. (Hons.) Subjects.

One-year Post-Graduate Diploma in Computer Science and Applications. Ph.D.

KALA BHAVANA

Five-year U.G. Courses (B. Fine Arts Degree) in Painting, Sculpture, Design, Graphic Art and History of Art.

Five-Year Diploma Courses (Dip. in Fine Arts and Crafts) in Painting, Sculpture, Graphic Art or Design.

Two-year P.G. Courses (M. Fine Arts) in Painting, Sculpture, Graphic Art and History of Art.

Two-year P. G. Courses (P.G. Dip.) in Painting, Sculpture and Graphic Art (Print making).

Two-year Certificate in Design.

One-year Foreign Casual Students' Course in Indian Art.
Ph. D.

SANGEET BHAVANA

Four-year U. G. Courses (B. Mus. Degree) in Rabindra Sangeet, Dance, Hindusthani Classical Music (Vocal) and Hindusthani Classical Music (Instrumental).

Four-year Diploma Courses in Music and Dance, Rabindra Sangeet, Hindusthani Classical Musical (Vocal and Instrumental).

Two- year P. G. Courses (M. Mus. Degree) in the same subjects as in (i).

Four-year Senior Certificate Courses in the same subjects as in (i).

Two- year part-time Courses in Hindusthani Classical (Vocal/Instrumental), Rabindra Sangeet, Manipuri Dance and Kathakali Dance.

One-year Foreign Student's course in the same subjects as in (i).

OTHER UNIVERSITIES

RABINDRA BHAVANA

Treasure-house of manuscripts of Rabindranath Tagore ; Papers of Tagore family ; a collection of Paintings and Sketches by the poet and a few others; a research centre for Tagore Studies.

VINAY BHAVANA

A Teachers' Training Centre.

B.Ed.-One year.

M.Ed.-One year.

Ph.D.

Extension service.

PALLI SIKSHA BHAVANA

B. Sc. (Ag.) in Agricultural Sciences –4 year.

M. Sc. (Ag.) in Agricultural Sciences- 2 year.

Ph.D.

PALLI SANGATHANA VIBHAGA

B.S. W. – Three year.

M.S.W. – Two year.

Ph. D.

6.2.2 IGNOU (Indira Gandhi National Open University)

6.2.2.1 A NEW CONCEPT

The concept of an open University is an important innovation of the last century. It aims to bring about revolutionary changes in the system of learning through DISTANCE EDUCATION. The first open University ('The Open University') was established in England in 1969.

IGNOU was established by an Act of Parliament in 1985 to achieve the following objectives :

- To democratise higher education by taking it to the doorsteps of the students.
- To provide access to high quality edcuation to all those who seek it irrespective of age, religion or formal qualification.
- To offer need-based academic programmes by giving professional and vocational orientation to the courses.

- To promote and develop DISTANCE EDUCATION.
- To set and maintain standards in DISTANCE EDUCATION in the country as an apex body.

6.2.2.2 DISTANCE EDUCATION AND OPEN LEARNING

Distance Education is often confused with Correspondence Education. The distinction between Correspondence Education and Distance Education lies in their aims, methods and orientation. Correspondence Education is an extension of conventional education. Distance Education aims at varied goals. These include personal growth, training for better job prospects and job enhancement, a change in attitude, etc., in addition to imparting knowledge. Distance Education allows learning at one's own pace and offers easy entry and exit points. It makes life-long learning a reality. Distance Education employs a multimedia learning package. It is characterised essentially by the advanced learning strategies effected by modern communication technology. Correspondence Education, on the other hand, depends mostly on printed materials distributed by post.

6.2.2.3 GOVERNANCE

The President of India is the Visitor of the University. The authorities of the University include the Board of Management, Academic Council, Planning Board, Finance Committee, etc.

6.2.2.4 INSTRUCTIONAL SYSTEM

The University follows the multimedia approach in imparting instruction. It comprises :

- Self-instructional printed course material packages.
- Assignments for assessment and feedback.
- Supporting audio-video programmes.
- Face-to-face interaction between the student and Academic Counsellors at Study Centres and Work Centres.
- Practicals at designated Institutions.
- Project Work in some programmes.
- Work related field project/functional assignments as per programme requirements.
- Telecast of video programmes on Doordarshan.
- Broadcast of audio programmes by All India Radio (Select Stations)
- Interactive Satellite Aided Communication Network (Teleconferencing)

6.2.2.5 STUDENT SUPPORT SERVICES

Support services are provided through a network of Study Centres scattered all over the country. Study Centres are the actual focal points where the learners receive regular information and learning support. Each Study Centre is provided with library, audio and video facilities for the students. Senior and experienced academics and professionals are engaged in face-to-face counselling to further help them in the learning process. The Study Centres are generally located in existing educational institutions and normally function on holidays and Sundays and in the evening on working days. Each Study Centre is manned by part-time staff drawn from the host institution. To co-ordinate the functioning of Study Centres IGNOU has set up 19 Regional Centres in different parts of the country.

The IGNOU Regional Centre, Calcutta looks after the activities of the University in West Bengal. A list of Study Centres under Calcutta is given in the Appendix.

6.2.2.6 EVALUATION SYSTEM

IGNOU has a three-tier system of evaluation.

(I) *Check Your Progress (self-assessment):*

This is provided in study materials and is meant for self-assessment.

(II) *Assignments (continuous internal assessment):*

This carries a weightage of 25% to 30%. There are two types of assignments.

- Computer Marked Assignment (CMA) and
- Tutor Marked Assignment (TMA). TMAs submitted at the Study Centre are returned to the students after evaluation with comments.

(III) *Term-End Examination (TEE):*

This is the major component in the assessment as 70% to 75% weightage is given. University holds Term-End Examination twice a year (JUNE & DECEMBER).

6.2.2.7 STRIKING CHARACTERISTICS

- Relaxed entry regulations.
- Study according to one's pace and convenience.
- Flexibility in choosing the combination of courses from a wide range of disciplines.
- Study from one's own chosen place (during the course of study a student can change the opted Study Centre to any Centre anywhere in India except for certain exceptional cases).

- One may sit for Term-End Examinations generally anywhere in India and some select Centres abroad.
- Learners may also pursue their study in any other University while being a student of IGNOU.
- Cost effectiveness.

6.2.2.8 RECOGNITION

IGNOU is a Central University under the Ministry of Human Resources Development, Govt. of India. The Degrees, Diplomas, Certificates awarded by IGNOU are recognised by the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Deemed Universities/Institutions vide UGC Circular No : F1-8/92 (CPP) dated February, 1992.
The Directorate of Employment, Govt. of West Bengal has recognised the degrees/diplomas of IGNOU to be at par with the same of other Universities of the country in the matter of providing employment

The Deptt. of School Education, H.S. Branch, Govt. of West Bengal has issued an Order No.187-SE(HS)/10M-3/97 dated 22nd August, 1997 by strength of which degrees/diplomas offered by IGNOU are acceptable for the purpose of further studies of teachers' training and employment in Schools of West Bengal.

6.3 INSTITUTES OF IMPORTANCE

6.3.1 INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, MIDNAPORE
Main Campus at Kharagpur, Dist. Midnapore, Pin-721302

IIT, Kharagpur, is the first of the chain of five IITs, established after Independence to produce scientists and technologists of the highest calibre and to provide leadership in the field of technological education and research. The other IITs as Institutes of National Importance, are situated in Delhi, Bombay, Madras, Kanpur and Guwahati. IIT Kharagpur conducts programmes leading to B.Tech, integrated M.Sc., MCP, MBM, M.Tech and Ph.D. degrees. From 1999-2000 it will offer 5 year integrated M.Tech. Courses in selected disciplines and also PG Diploma Programmes in Information Technology at its extension Centres at Calcutta and Bhubaneswar, using distance-cum-contact (Hybrid Mode) of instruction.

No. OF DEPARTMENT/ CENTRES—28

(UG & PG section)

OTHER UNIVERSITIES

No. OF DEPARTMENT/CENTRE	COURSE	DURATION
(UG & PG Section)	(i) B. Tech. (Hons.)	8 Semester
	(ii) B. Arch. (Hons.)	10 Semester
	(iii) Integrated M. Sc.	10 Semester
	(iv) M. Tech./MCP/MBM	3 Semester
	(v) Integrated dual degree leading to B.Tech & M.Tech degrees	10 Semester
	(vi) Post Graduate diploma in Information Technology	2 Semester

COURSES

DEPARTMENT/ CENTER	B. TECH.	M. TECH. /M.S./P.H.D.
• Aerospace Engineering • Agricultural & Food Engg.	• Aerospace Engineering • Agricultural Engineering	• Aerospace Engineering • Farm Machinery & Power • Soil & Water Conservation Engg. • Dairy & Food Engineering • Applied Botany • Water Resource Development & Management • Acquacultural Engineering • Agricultural Systems & Management • Master of City Planning
• Architecture & Regional Planning	• Architecture	
• Chemical Engineering • Bio-technology	• Chemical Engineering • Bio-technology	• Chemical Engineering Biotechnology & Engineering
• Chemistry • Civil Engineering	• Chemistry (M. Sc.) • Civil Engineering	—— • Water Resource Engineering • Transportation Engineering • Environmental Engineering • Soil Mechanics & Foundation Engg. • Structural Engineering

• Cryogenic Engineering	——	• Cryogenic Engineering
• Computer Science & Engineering	• Computer Science & Engineering	Computer Science and Information Technology
• Electrical Engineering	• Electrical Engineering	• Machine Drives & Power Electronics
		• Control System Engineering
	• Energy Engineering	• Power System Engineering
	• Instrumentation Engineering	• Instrumentation
• Electronics & Electrical Communication Engineering	• Electronics & Electrical Communication Engineering	• Automation and Computer Vision
		• Computer Engineering
		• Fibre Optics & Lightwave Engineering
		• Integrated Circuits and Systems Engg.
		• Microwave Engineering
		• Telecommunication System Engg.
• Humanities & Social Science	——	• Human Resource Dev. & Management
• Industrial Engineering & Management	• Industrial Engineering	• Industrial Engineering & Management
• Materials Science Centre	——	• Materials Science & Engineering
• Geology & Geophysics	• Exploration Geophysics (M. Sc.)	• Applied Geology
	• Applied Geology (MSc)	
• Mathematics	• Mathematics (M.Sc.)	• Computer Science & Data Processing
• Mechanical Engineering	• Mechanical Engineering	• Manufacturing Process Engineering
	• Manufacturing Sc. & Engg.	• Thermal, Energy & Environmental Engg.
		• Mechanical Systems Design
		• Manufacturing Systems Engineering
		• Mechanical Handling & Automation
		• Precision & Quality Engineering

OTHER UNIVERSITIES

		• Mechanical System, Dynamics and Control
• Metallurgical & Material Engg.	• Metallurgical Engineering	• Metallurgical Engineering
• Mining Engineering	• Mining Engineering	• Mining Engineering
• Ocean Engg., Naval Architecture	• Naval Architecture	• Ocean Engineering
• Physics & Meteorology	• Physics (M.Sc.)	• Atmospheric Science & Technology· Solid State Technology·
• Rubber Technology		• Rubber Technology
• Rural Development	——	• Only Research Programmes
• Centre for Educational Technology		
• Post Harvest Technology Centre		
• Reliability Engineering Centre		
• Vinod Gupta School of Management		
• G.S.Sanyal School of Telecommunication		

STUDENT AND STAFF AT THE IIT KHARAGPUR

STUDENT STRENGTH

	Present	**Planned** (in 4 years)
Undergraduate	1981	2476
Postgraduate	999	1249
Research Scholars	538	672
TOTAL	3518	4397

STAFF STRUCTURE

Faculty	500
Academic & Technical Staff	800
Administrative Staff	400
Supporting Staff	700
TOTAL	2400

CENTRAL FACILITIES AT IIT KHARAGPUR

- Computer & Informatics Centre
- Central Workshops and Instrumentation Division
- Central Library (including Electronic Library)
- Sponsored Research & Industrial Consultancy
- Training & Placement Facility for students

SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, IIT KHARAGPUR

SRIC Activities

- Sponsored R & D Projects
- Consultancy Projects & Services to Industries
- Foreign Collaboration
- MOUs / Turn-Key
- Patenting & Technology Transfer

ON GOING PROJECTS (Last Five Year)

	NUMBER	VALUES (Rs.)
Sponsored	269	47.1 Crore
Consultancy	144	08.6 Crore
TOTAL	413	55.7 Crore

6.3.2 INDIAN STATISTICAL INSTITUTE
203, B. T. ROAD, CALCUTTA-700035.

A leading Institute in the country for study and research in the field of statistics and allied subjects. It was founded by Prof. P. C. Mahalanabis. It conducts B. Stat, M. Stat., M.S. and M. Tech. Courses and Ph.D. programmes. It also conducts various diploma and certificate courses on statistical methods and computer software.

6.3.3 INDIAN INSTITUTE OF MANAGEMENT, CALCUTTA
Joka, South 24-Parganas, Pin-743512

One of the four IIMs of the country, this Institute is held in high esteem in the field of management science. It conducts Master of Business Administration (M.B.A.) course. It also has a fellowship programme.

6.3.4 SAHA INSTITUTE OF NUCLEAR PHYSICS
BI-AF, Sector I, Salt Lake, Calcutta-91 (Phone: 2350-2344/337-0379)

Saha Institute was established in 1951 in memory of Late Dr. Meghnad Saha, one of the greatest Indian Scientists.

Major areas of research:

High energy Physics: Quantum field theory, Standard model and beyond, string theory, Cosmology and early universe. Phenomenology of heavy hadron physics. Plasma physics: Experimental research with Tokamak, Condensed matter Physics : High-Tc super conductors thin films, magnetic properties of solids, NMR studies, surface Physics :

Crystallography and Molecular Biology study of protein Molecules.

6.3.5 ASIATIC SOCIETY
Park Street, Calcutta (Phone: 229-0779)

The Asiatic Society, Calcutta was founded in 1784 by Sir William Jones (1746-1794), eminent Indologist, with the objective of inquiring into the history, science, arts and literature of Asia. This institution proved to be the inspiration behind all literary and scientific activities in the Country. Three main activities of the Society concerning the scientific pursuit of the knowledge are (i) Library services (ii) Academic activities and (iii) Publications.

Library :

The Library of the Asiatic Society is one of oldest learned institutions in Asia. The holding numbering more than 2,50,000 volumes comprises, among others, a vast treasure of rare books, journals and other printed materials on Asiatic Arts and Sciences. A vast collection of old volumes of journals are preserved at the Metcalfe Hall at 12 Strand Road, Kolkata. Exhibition and display of books in connection with seminars are regular activities of the Library.

Resource Sharing with other institutions

The followings deserve special mention :

1. INSDOC
2. Indian Association for Cultivation of Science.

3. State Gazetteers office, Govt. of West Bengal.
4. Pashim Banga Bangla Academy.
5. National Council of Science Museum.
6. National Library.
7. Bangiya Sahitya Parisad.
8. Indian Museum.

Museum Section

The Museum of the Society possesses the priceless and unique collection of Manuscripts and Archival documents both in English and Russian, Rare printed Books, Lithographs, Paintings, Busts, Photograph-print, Coins, and Copper-Plate-Inscriptions etc.

Publications

During the year 3 publications have been performed with two awaiting publication.

Exhibition

Several exhibitions of Rare Illuminated Manuscripts & other materials were organized in the Museum of the Society on the occasion of Visit of different distinguished visitors.

Visitors

639 Indianand63 Foreign visitors from different countries of the world visited the Museum.

Reprography Section

The Reprography Section of the Society, is dealing to the work of making Xerox copies, from Books for Reader Service and supplied to various Readers/Scholars of India and Abroad, and documents for official purpose.

Conservation Section

The Conservation Laboratory meant for the preservation and restoration of the Library and Museum materials has performed the following tasks in preserving and restoring manuscripts, rare books and other objects kept in the Museum and Library of the Society.

Publication Section

The Asiatic Society is known to the world of learning mostly because of its publications of high academic standard. The Society has been publishing original and outstanding books periodicals and Booklets which have been able to draw the attention of academic world.

Academic Section

Research works of Fellows with Scholar Supervisors for different projects including outside projects sponsored by the Society deserve mention. Lecturers, Seminar, Symposia, Workshops and Training Programme were also held by the Society as a significant part of its academic activities.

6.3.6 BOSE INSTITUTE

P1/12, Acharya Prafulla Chandra Road, Calcutta-700 009

The Bose Institute was founded by Acharya Sir Jagadish Chandra Bose in 1917 for the advancement of science and dissemination of knowledge. The Institute has served the nation for the past 85 years through its pursuit of advancement of knowledge in science and technology. There are departments of Biochemistry,Biophysics, Botany, Microbiology, Chemistry and Physics and the research sections on Animal Physiology, Environmental Science, Immunotechnology and Plant Molecular & Cellular Genetics. In addition, there are support and service centres like RSIC, DIC, Library, Workshop etc.

Research Activities

The research programmes of the Biochemistry Department include studies for the basic understanding of gene expression in plants and bacteria, plant and animal biotechnology, yeast and parasite molecular biology, structure-activity relationship proteins and structural biology.

The major theme of the Biophysics Department is structure, function and dynamics of biomolecules. The research interests are mainly focused on proteins, nucleic acids and small pharmacologically active compounds.

The major research goal of Botany Department established in 1917 is to improve crop productivity using conventional and modern techniques, where genes with elite characters particularly those endowed with biotic and abiotic stress tolerance are identified and located in wild relatives, with an objective to incorporate those in cultigens of rice, Brassica, Beta and Chenopodium using breeding, tissue culture and genetic engineering techniques.

The programmes of the Chemistry Department are centred around studies on biomolecules. The major objective is to understand the chemical and biochemical nature of these molecules and gain information about their roles in biological processes.

The research activities of the Microbiology Department address mainly the problems in the areas of parasitic and bacterial infections, drug design, detoxification, plant-microbe and mineral-microbe interactions.

The Physics Department is one of the oldest departments in the Institute, as the founder himself

was a physicist. The main objective of this department is to improve our understanding of the basic laws of nature, in the realm of both macro and micro worlds.

The Research Section on Animal Physiology was established in1930 with the objective of understanding basic amphibian, piscine and invertebrate physiology, reproductive physiology, drug research and nutrition.

The section on Environmental Sciences created in1992 mainly deals with studies on Air, Noise, Water, Land and Biological environment and provide consultancy services to Industries. The section extends consultancy work on Quality Control, Monitoring and Control and Environmental Pollution at the local and national level.

The Immunotechnology section was created in 1992. Newly introduced programmes include an effect to understand phage induced modifications and inactivation of host aminoacyl tRNA synthetase, and a study of white spot syndrome associated baculovirus affecting shrimp aquaculture in India.

The Plant Molecular & Cellular Genetics section was established in1989 with the objective of studying basic and applied aspects of plant processes through modern molecular approaches.

6.3.7 INDIAN INSTITUTE OF CHEMICAL BIOLOGY

4, Raja S. C. Mullick Road, Calcutta-700 032
(Established in the year 1935)

The Indian Institute of Chemical Biology has always focussed basic research in Bio-Medical science. Over the years ,it has endeavored to attain excellence in basic biological research and to focus attention on applied research.

Main areas of activity :

Leishmaniasis, Vibrio Cholerae, Developmental Neurobiology and Neurological Disorders, Cell Biology, Reproductive Biology, Chemistry of Bio-active Substances, Immunobiology and Immunochemistry, Protein Engineering and Structural Biology, Bio-technology, Theoretical Biology and Modelling of Bio-systems, Drug Designing and Molecular modelling.

AIMS AND OBJECTIVES

- Understanding the molecular basis of pathogenicity of parasitic and bacterial diseases of national importance. Development of early diagnostic methods and immunoprophlactic measures.
- Investigation of the role of thyroid hormones in brain development. Mechanisms of genesis of

the features of Parkinson's disease and clinical studies of early diagnosis of the disease as also monitoring of drug therapy.

- Identification and characterization of bioactive materials from natural sources synthesis of new molecules and exploration of their usefulness as potential drugs.
- Mapping of small genomes and sequencing.
- Studies on human genetics of the Indian subcontinent. Identification of disease genes and gene therapy.
- Development of radiopharmaceuticals for diagnosis of different functional disorders.
- Development of diagnostic kits for determination of hormonal disorders.
- Understanding the molecular mechanisms of cellular regulation in gastric hyperacidity and ulceration, muscular dystrophy and related abnormalities.

6.3.8 SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES
Block JD, Sector III, Salt Lake, Calcutta –700 091.

Thse Satyendra Nath Bose National Centre For Basic Sciences was established in 1986 to foster the growth of advanced studies in selected branches of basic sciences and to conduct original researches in theoretical and mathematical sciences and other basic sciences in frontier areas including challenging theoretical studies of future application and to train young scientists for basic researches.

Main Programmes are :

Theoretical physics, Applied Mathematics, Mathematical Modeling and Theoretical Chemistry. This centre has been maintaining an excellent standard in research activities, conducting various seminars and collaborating programmes with different universities in and outside the country. Some of the research projects undertaken :

Electronic structure of random alloys, Nuclear Fission and Nuclear structure calculation, Probing the foundation of Quantum Theory, High-Tc Super conductors-effects of radiation damage, Liquid Crystals, Statistical mechanics-theory of sand piles and aggregates.

CHAPTER – 7

COLLEGES

7.1 General Information on Govt. and Non-Govt. Colleges

7.2 Games and Sports in Colleges

7.3 Hostel Facilities in Colleges

7.4 Some Salient Features of Colleges

CHAPTER – 7

COLLEGES

7.1 GENERAL INFORMATION ON GOVERNMENT AND NON-GOVERNMENT COLLEGES :

There are at present Colleges of different categories in West Bengal under the administrative jurisdiction of the Higher Education Department. They include General Degree Colleges, Law Colleges, Teachers' Training Colleges and Engineering and Technological Colleges. The distribution of General Degree Colleges, and other Colleges in different districts along with population figure is shown in a Table at Page No.194 of this Chapter.

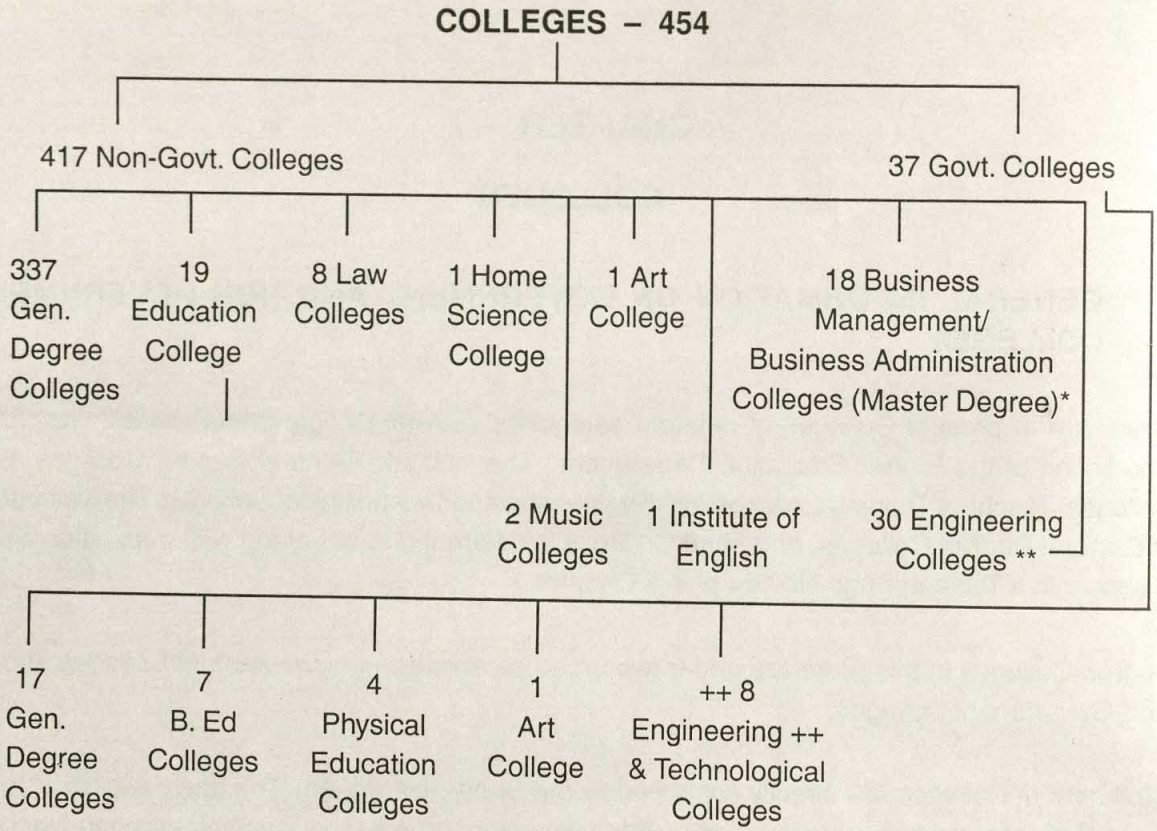
Degree Colleges in this State are under two broad categories—(i) Government Colleges and (ii) Non-Government Colleges.

Government Colleges are directly controlled by the State Government. The entire expenditure for these Colleges are borne by the Higher Education Department. The teaching and non-teaching staff of these Colleges are Government employees.

The Non-Government Degree Colleges are also financed by the Higher Education Department almost entirely. In 1978, the PAY PACKET SCHEME was introduced for payment of salary of teaching and non-teaching employees of the Colleges under the West Bengal Colleges (Payment of Salaries) Act, 1978. All Non-Government degree colleges (including erstwhile sponsored colleges) receive salary under this scheme.

The General Degree Colleges have a wide variety in enrolment, subjects offered and in educational achievements. The poor enrolment of some colleges are due to a weak infrastructure, distance from locality, teaching of only pass subjects etc. Steps are being taken for consolidation and improvement of these colleges by introducing diversified courses, honours teaching facility, etc.

COLLEGES



** These do not include departments of universities, e.g. Calcutta University, Jadavpur University, Kalyani University and Burdwan University which offer B. Tech./B.E. courses, and the B.E. College (D.U). One of the colleges is a Hotel Management College.

++ These include the R.E. College, Durgapur and The Institute of Jute Technology, Kolkata.

* Institutions offering postgraduate diploma/degree approved by the AICTE have been included. The IIM Kolkata has a special status.

From the chart it may be seen that the total number of General Degree Colleges in this State in 2002-2003 is 354 and that of Management Colleges is 18. The total number of Engineering and Technology 'Colleges is 38 (excluding B.E.College, D.U. and four university departments offering engineering and technology courses).

Districtwise distribution of colleges with Honours teaching facility is shown in the Table below.

District	No. of Gen. No. of Colleges (Govt. & Non-Govt.)	Degree Colleges with Hons teaching facility
Bankura	14	12
Burdwan	25	18
Birbhum	11	09
Calcutta	66	62
Coochbehar	10	06
Darjeeling	15	09
Hooghly	24	20
Howrah	16	13
Jalpaiguri	12	07
Malda	08	04
Midnapore	33	31
Murshidabad	18	12
Nadia	15	13
North Dinajpur	06	04
North 24-Parganas	38	31
Purulia	11	09
South Dinajpur	04	03
South 24-Parganas	28	19
Total :	**354**	**282**

The Department feels that Honours teaching facility should be evenly distributed in the districts amongst various subjects in Arts, Science and Commerce Groups. Efforts are being made to move in that direction.

In the case of extension of affiliation to new subjects in the existing colleges, the infrastructure of the particular college, its teaching strength, academic record as evidenced by examination results, location, area served, etc. are taken into consideration. Special importance is also given for according affiliation to new subjects in colleges, which have a higher SC/ ST student population. A number of Govt. and Non-Govt.

COLLEGES

Colleges have been given extension of affiliation in respect of new subjects during 2001-2002. Some colleges have more than one shift on account of student population.

SHIFT SYSTEMS IN COLLEGES

Chittaranjan College , Calcutta	M + D + E
Seth Anandaram Jaipuria College, Calcutta	M + D + E
Victoria Institution, Calcutta	M + D
New Alipore College, Calcutta	D + E
Barrackpore Rastraguru Surendranath College , N.24–Parganas	D + E
Dum Dum Motiheel College, N. 24 –Parganas	M +D
Gobardanga Hindu College, N. 24-Parganas (B.Ed)	D + E
Narasingha Dutta College , Howrah	M + D + E
Uluberia College, Howrah (B.Ed)	D + E
Bidhan Chandra College , Rishra, Hooghly	D + E
Midnapore College	M + D
B. B. College, Asansol, Burdwan	M + D + E
Burdwan Raj College	M + D + E
Katwa College, Burdwan	M + D
M. U. C. Women's College , Burdwan	M + D
Sri Gopal Banerjee College , Bagati, Hooghly	M + D + E
Rampurhat College , Birbhum	M + D + E
Vidyasagar College, Suri	D + E
Ramananda College , Bankura	D + E
Malda College , Malda	M + D + E
Hooghly Mohsin College , Hooghly	M + D + E
Taki Govt. College , N. 24 – Parganas	M + D
Barasat Govt. College , N. 24- Parganas	M + D
Goenka College of Commerce , Calcutta	D + E
A. B. N. Seal College , Coochbehar	M + D
Durgapur Govt. College . Burdwan	M + D
Jhargram Raj College , Midnapur	M + D
Darjeeling Govt. College , Darjeeling	M + D
Chandernagar Govt. College , Hooghly	M + D + E

M = Morning, D = Day, E = Evening

Out of 354 General Degree Colleges in West Bengal only 198 Colleges have the facility for science teaching at Pass and/ or Honours level. These science-teaching colleges are, however, not evenly distributed throughout all the districts. The following table will show percentage of distribution of colleges with science teaching facility in the districts.

Colleges with science teaching facility

District	Total No. of General Degree Colleges	No. of Colleges haveing in Science traching	Percentage of Science Traching Colleges to General Degree Colleges	Percentage of Science Teaching Colleges in the district to total No. Colleges in the State
Bankura	14	06	42.9	3.03
Burdwan	25	15	60.0	7.58
Birbhum	11	06	54.5	3.03
Calcutta	66	42	63.6	21.21
Coochbehar	10	04	40.0	2.02
Darjeeling	15	06	40.0	3.03
Hooghly	24	17	70.8	8.59
Howrah	16	11	68.7	5.56
Jalpaiguri	12	04	33.3	2.02
Malda	08	03	37.5	1.52
Midnapore	33	22	66.6	11.11
Murshidabad	18	07	38.9	3.54
Nadia	15	08	53.3	4.04
North Dinajpur	06	04	66.7	2.02
North 24-Parganas	38	22	57.9	11.11
Purulia	11	05	45.5	2.53
South Dinajpur	04	02	50.0	1.01
South 24-Parganas	28	14	50.0	7.07
Total	**354**	**198**	—	—

COLLEGES

It is seen from the table that in Calcutta and Hooghly about 63.6% and 70.8% colleges respectively have the facility for Science teaching while in districts like Malda and Murshidabad the same is 37.5% and 38.9% respectively. Moreover, while Calcutta contains 21.21% of the total science teaching colleges in the State, South Dinajpur contains only 1.01% of the same. The contribution of the colleges in the northern part of his State towards Science teaching is small.

Most of the sciences teaching colleges teach physical sciences (Physics/Chemistry). Life Sciences (Botany/Zoology/Physiology) are taught in a much lesser number of colleges. Subjects like Statistics, Geology, Computer Science, Electronics, etc. are taught in a limited number of colleges although there is a great demand for those subjects. In view of the above, the Higher Education Department has been granting affiliation for Computer Science and Electronics in several colleges at both the pass and the honours level.

It may be noted from the following table that only 207 colleges offer teaching in Commerce. As regards districtwise distribution of these colleges, the percentage is high in only 5 districts, namely, Howrah, Hooghly, Burdwan, Birbhum and Nadia.

TABLE : **NUMBER & PERCENTAGE OF COLLEGES IN DISTRICTS OFFERING FACILITY IN COMMERCE TEACHING**

DISTRICT	NUMBER OF GENERAL DEGREE COLLEGES	NO. OF COLLEGES OFFERING COMMERCE TEACHING FACILITY	PERCENTAGE
Bankura	14	07	50.0
Burdwan	25	18	72.0
Birbhum	11	08	72.7
Calcutta	66	37	56.1
Coochbehar	10	04	40.0
Darjeeling	15	06	40.0
Hooghly	24	18	75.0
Howrah	16	15	93.8
Jalpaiguri	12	04	33.3
Malda	08	03	37.5
Midnapore	33	19	57.5
Murshidabad	18	08	44.4

Nadia	15	11	73.3
North Dinajpur	06	03	50.0
North 24-Parganas	38	18	47.4
Purulia	11	06	54.6
South Dinajpur	04	02	50.0
South 24-Parganas	28	20	71.4
Total	**354**	**207**	**–**

GIRLS' COLLEGE

The principle of equity demands expansion and promotion of girls' education. The distribution of girls' Colleges is shown below:

TABLE : **NUMBER OF GIRLS' GOLLEGES IN DISTRICTS (with Hostel facility)**

DISTRICT	NUMBER OF GIRLS' GENERAL DEGREE COLLEGES	COLLEGE WITH HOSTEL FACILITY
Bankura	01	01
Burdwan	04	04
Birbhum	00	00
Calcutta	24	07
Coochbehar	01	01
Darjeeling	03	00
Hooghly	04	05
Howrah	01	00
Jalpaiguri	01	01
Malda	01	01
Midnapore	02	02
Murshidabad	01	01
Nadia	01	01
North Dinajpur	00	00

COLLEGES

North 24-Parganas	05	02
Purulia	01	01
South Dinajpur	01	01
South 24-Parganas	02	01
Total :	**53**	**29**

There are girls' colleges in all districts except Birbhum and North Dinajpur. The oldest Girls' College in the State is Bethune College, which was started in 1879. Besides the above-mentioned colleges, there are some professional colleges (Teachers' Training / Fine Arts/ Home Science etc.) which are meant for girls' students only.

7.2 GAMES AND SPORTS IN COLLEGES

FACILITIES

Although games and sports are not included in regular curricular programme of General Degree Colleges, the Government encourages these activities in various ways. There are posts of Physical Instructor/ Physical Instructress in all Government Colleges and in some Non-Government Colleges. They are entrusted with the responsibility of organising games and sports in respective colleges. Grants are released to colleges for purchase of equipment for games and sports.

GOVERNMENT COLLEGES

Most of the Govt. Colleges have playgrounds within or outside. The students of the colleges are encouraged to participate in games and sports. An INTER-GOVT. COLLEGE ATHLETIC MEET is held every year.

NON-GOVERNMENT COLLEGES

The picture of the non-Govt. colleges is slightly different. It is understood form available data that 105 colleges have playground attached to those colleges, while 25 colleges have playground outside the campus. But the playgrounds of most of those colleges are not spacious enough for popular games like football or cricket. Like Govt. Colleges, inter non-govt College athletic meet has started from last year.

7.3 HOSTEL FACILITIES IN COLLEGES

All the Government Engineering and Technological Colleges have hostel facility. All the Govt.

Teachers' Training Colleges, excepting one, also have this facility. Amongst the Govt. General Degree Colleges, however, only ten colleges have hostels. Amongst the non-Govt. (General Degree and Teachers' Training) colleges, ninety-three colleges offer this facility. The number of non-Govt. colleges in each district having hostel facility is shown below:

TABLE : **NUMBER OF COLLEGES IN DISTRICTS OFFERING HOSTEL FACILITY**

DISTRICT	NO. OF GOVT. COLLEGES WITH APPROVED HOSTEL FACILITY			NO. OF NON-GOVT. COLLEGES WITH APPROVED HOSTEL FACILITY		
	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
Bankura	—	—	—	6	1	7
Burdwan	1	—	1	4	4	8
Birbhum	—	—	—	6	—	6
Calcutta	3	2	5	3	5	8
Coochbehar	1	1	2	1	—	1
Darjeeling	1	3	4	—	2	2
Hooghly	1	2	3	3	5	8
Howrah	—	—	—	2	—	2
Jalpaiguri	—	—	—	1	1	2
Malda	1	—	1	1	1	2
Midnapore	1	2	3	3	5	8
Murshidabad	—	—	—	6	1	7
Nadia	1	—	1	1	1	2
North Dinajpur	—	—	—	—	—	—
North 24-Parganas	2	—	2	6	2	8
Purulia	—	—	—	2	1	3
South Dinajpur	—	—	—	1	1	2
South 24-Parganas	—	2	2	3	2	5
Total	**12**	**12**	**24**	**49**	**32**	**81**

TABLE : **DEMOGRAPHY AND COLLEGES**

Name of the District	Comparative Area size 2001	Comparative Population size 2001	Sex Ratio	Density of Population per. sq. km	No. of General Degree Colleges
Bankura	7.75%	3.98%	953	464	14
Burdwan	7.91%	8.63%	921	985	25
Birbhum	5.12%	3.76%	949	663	11
Calcutta	0.21%	5.71%	828	24760	66
Coochbehar	3.82%	3.09%	949	732	10
Darjeeling	3.55%	2.00%	943	510	15
Hooghly	3.55%	6.28%	947	1601	24
Howrah	1.65%	5.33%	906	2,913	16
Jalpaiguri	7.02%	4.24%	941	547	12
Malda	4.21%	4.10%	948	881	08
Midnapore	15.87%	12.01%	955	685	33
Murshidabad	6.00%	7.31%	952	1101	18
Nadia	4.42%	5.74%	947	1172	15
North Dinajpur	3.54%	3.04%	937	778	06
North 24-Parganas	4.61%	11.13%	927	2181	38
Purulia	7.05%	3.16%	953	405	11
South Dinajpur	2.50%	1.87%	950	677	04
South 24-Parganas	11.22%	8.61%	938	694	28

TABLE : DISTRICTWISE DISTRIBUTION OF COLLEGES

District	General Degree (BA/BSc. B.Com) Colleges	B. Ed/ PGBT Co-lleges	Phy. Edn. Co-lleges	Law Col-leges	Home Scie-nce Coll-ege	Mus ic Co-lleg es	Art Co-lleges	Engg. & Tech. Colle-ges	Businees Manage-ment Institute	Special Institu-tions	Total
Bankura	14	1	-	-	-	-	-	2	-	-	17
Burdwan	25 (1 Govt.)	1 (1 Govt.)	-	-	-	1	—	8	1(Uni — versity Deptt)	-	36
Birbhum	11	-	-	-	-	-	-	1	-	-	12
Calcutta	66 (6 Govt.)	4 (1 Govt.)	-	3	1	1	2 (1 Govt.)	5	7 (1 Uni versity Deptt)	1	90
Cooch-Behar	10(1 Govt)	-	1 (1 Govt)	-	-	-	-	-	-	-	11
Darjeeling	15 (1 Govt.)	2	-	-	-	-	-	1	-	-	18
Hooghly	24 (2 Govt).	3 (2 Govt.)	1(1 Govt.)	-	-	-	-	1 (1 Govt.)	-	-	29
Howrah	16	1	-	-	-	-	-	2	1 (UD)	-	20
Jalpaiguri	12	1	-	1	-	-	-	1-Govt	-	-	15
Malda	08	1(1 Govt.)	-	-	-	-	-	-	-	-	09
Midna-Pore	33 (2 Govt.)	2	-	2	-	-	-	2	1	-	40
Murshida-bad	18	1	-	1	-	-	-	3 (1 Govt)	-	-	23
Nadia	15 (1 Govt.)	1	-	-	-	-	-	2(1 Govt	2	-	20
North Dinajpur	06	1	-	-	-	-	-	-	-	-	07
North 24 Pgs	38 (3 Govt.)	5 (1 Govt.)	1 (1 Govt.)	-	-	-	-	4	3	-	51
Purulia	11	1	-	-	-	-	-	-	-	-	12

South 24 Pgs	28 Govt)	1 (1 Govt)	1 (1	-	-	-	-	6	3	-	39
South Dinajpur	04	-	-	1	-	-	-	-	-	-	05
Total	**354**	**26**	**4**	**8**	**1**	**2**	**2**	**38**	**18**	**1**	**454**

7.4 SOME SALIENT FEATURES OF COLLEGES

A. Government Colleges

Post-Graduate Teaching Programmes In Colleges

14 (fourteen) Colleges have post-graduate teaching facilities. The names of the colleges and the subjects taught at the post-graduate level are given below:

NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
Darjeeling Govt. College, Darjeeling	Zoology, Botany
Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce
Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi
Maulana Azad College	Zoology
Govt. College of Art and Craft	Visual Arts
Post Graduate Training College for	M.P.Ed
Physical Education, Banipur Dinabandhu Andrews College	Zoology
Chandernagar College,Hooghly	Geography
Durgapur Govt. College	Geology
David Hare Training College	M.Ed.
Krishnagar Govt. College	Philosophy & Geography

CENTRE FOR ADVANCED STUDY

Presidency College has a Centre for Advanced Studies in Economics. This centre was started in 1972 under the Special Assistance Programme of the U.G.C. The centre helps in conducting the teaching programme in Economics at B.A (Hons) level and carries out research programmes. Seminars and workshops are also organised by the Centre on various aspects of macro and micro-economics. The primary thrust of research in the Centre has been in the formulation of approaches and methods for understanding some important problems of Indian economy. Two posts of Professors have been created by the Govt. of West Bengal exclusively for the Centre.

MANAGEMENT OF GOVERNMENT COLLEGES

These are generally controlled by the Higher Education Department, Government of West Bengal with the assistance of the Education Directorate. In addition, every college has a Governing Body which supervises the normal functioning of the Colleges. The Higher Education Department has outlined the reconstitution of the Governing Body of Government Colleges through a Government order.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-103-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE GOVERNMENT DEGREE COLLEGES (EXCEPTING THE GOVT. ENGINEERING & TECHNOLOGICAL COLLEGES AND MEDICAL COLLEGES).

Year	Allotment of Fund(Rs. in lacs)
1994-95	24,05.78
1995-96	29,10.88
1996-97	33,79.00
1997-98	39,45.00
1998-99	39,50.00
1999-2000	57,33.80
2000-2001	63,53.63
2001-2002	59,25.68
2002-2003	61,16.31

B. Non-Government Colleges

Post-Graduate Teaching Programmes :

Facilities for Post Graduate Programmes have recently been introduced in the following 4(four) colleges.

Dinabandhu Andrews College	Zoology
Bankura Christian College	English
Asansol B.B. College	Physics
J.K.College, Purulia	Mathematics

Evolution of Non-Govt. Colleges

Beside the Government Colleges, the State at present has 391 Non-Government Colleges of different categories of which 337 are non-Government General Degree College. Serampore College, established in 1818 under the initiative of the Danish Government is the oldest. It thus coincides with the year of establishment of Hindu College (later Presidency College) in Calcutta. It was followed by Krishnath College (1858), St. Xaviers' College (1860), St. Paul's College (1865) and Midnapore College (1873). The establishment of the colleges was, in some cases, associated with the National (Education) Movement in India

during the British period, such as Surendranath College (1884) and Jadavpur Vidyapith (now Jadavpur Vidyapith College of Education). The decadal growth of Colleges (Appendix IB) will show the course of development of Non-Government Colleges. It will be seen from the table that the course of development of these Colleges has been uneven. Under the British rule, it was obviously very slow and the total number of Colleges from 1818 to 1947, was 55. However, the pace of development of Non-Government Colleges accelerated after 1947, mainly through the efforts of the Government. Permission for affiliation for teaching new subjects in B.A./B.Sc./B.Com. (Pass, Hons. Vocational, Physical Education & new emerging subjects) level is granted and additional funding provided. The educational field in the State has been enriched by the contributions of the old

Rajas, Zamindars, the common public and the Christian Missions, Ramkrishan Mission and some minority communities as well as the general public.

Since Independence, the Central and the State Governments have appointed various commissions in the field of education, the University Education Commission, 1948-49, the Indian Education Commission (Kothari Commission), 1964-66 and the Education Commission (Ashok Mitra Commission), 1992-93 etc. for the improvement of education and the service conditions of the Non-Government College teachers which were not at par with those of the Government Colleges

teachers. Steps taken for the improvement of the service conditions of teachers of Non-Government Colleges since the Left Front Government came in to power in 1977, are enumerated below:

(i) As there was no security in service of College teachers and the payment of their salary was irregular, the present Government, after assumption of power, passed the West Bengal College (Payment of Salaries) Act, 1978 by which the security of service and the payment of salaries were ensured by the State Government. The Pay Packet Scheme is administered by Education Directorate.

(ii) The Governing body of the Non-Government Colleges was democratized by the inclusion of elected representatives of the teaching and the non-teachings staff of the college.

(iii) Previously the non-Government Colleges had to deposit 50% of their income in the Government Exchequer against the total payment of salary by the State Government. But the Government has waived this deposit.

(iv) Similarly, Death-cum-Retirement benefit scheme was sanctioned for teachers of Non-Government Colleges in 1978. In 1993-94 an enhanced rate of pension and other benefits were sanctioned for teachers who had opted for them, making the benefits at par with those of the Government College teachers.

A Pension Cell is attached to the Pay Packet Section of the Education Directorate to look after the payment of the Retirement Benefits of the Non-Government College teachers. The State Government, even within its limited resources, has been striving to release the retirement benefits to the utmost possible extent.

Expansion and Quality improvement :

The State Government has concentrated on the decentralization of educational opportunities to the rural areas to meet the demands of the people for education. Altogether 115 Colleges have been established since 1977 in different parts of the State. Also side by side with access and expansion, the State Government is equally conscious of the need for improvement of the quality of college education. Every year the State Government has been sanctioning grants for the development of libraries and laboratories of the Colleges. Funds are also released for the repair, reconstruction/ renovation and extension of college buildings.

The responsibility of management of non-Government colleges lies with the Governing Body of the colleges. The academic matters of the Colleges are looked after by the University concerned to which the colleges are affiliated. These colleges are, however, within the administrative jurisdiction of the Education Directorate and the Higher Education Department.

PLACEMENT OF TEACHERS IN NON-GOVERNMENT COLLEGES

The State Government established the West Bengal College Service Commission in 1979 for making recommendations for filling up the vacancies of different categories of posts in Non-Government colleges. The College Service Commission has been successful in filling up the vacant posts of academic staff in large numbers and has helped in raising the academic atmosphere in the Colleges. The State Government set up the West Bengal Council for Higher Education in 1994. The Council has contributed significantly is addressing the problems of co-ordination among universities and in raising academic standard in the State. (See Chapter II).

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-104-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE NON-GOVT. DEGREE COLLEGES.

Year	Allotment of Fund (Rs. in lacs)
1994-95	113,30.00
1995-96	138,50.00
1996-97	144,60.00
1997-98	165,83.00
1998-99	176,00.00
1999-2000	204,40.00
2000-2001	243,20.00
2001-2002	263,00.00
2002-2003	283,27.84

CHAPTER – 8

PROFESSIONAL COURSES

8.1 Teachers' Training

8.2 Physical Education

8.3 Law Education

8.4 Computer and IT related education programme

8.5 Commercial Education

8.6 Art Education

8.7 Music

8.8 I.A.S. & W.B.C.S. Coaching Centres

CHAPTER – 8

PROFESSIONAL COURSES

Apart from the structured Engineering & Technology education leading to B.E./B.Tech. & M.E./ M.Tech./MCA courses and the Management programme leading to MBA/MBM/PGDBM etc. conducted in Engineering & Technology and Management Institutions, DOEACC accredited Computer courses etc. are also imparted in a number of General Degree Colleges, in a few universities and in some other institutions.

In addition to the above, Professional courses like Law Education, Teachers training including Physical Education, Art Education, Music, Home Science etc. are conducted in different professional institutions as detailed below :

District	B.Ed	Phy.Edn	Art	Music	Law	Home Sc.	English
Bankura	1	–	–	–	–	–	–
Burdwan	1	–	–	1	–	–	–
Birbhum	–	–	–	–	–	–	–
Calcutta	4	–	2	1	3	1	1
Coochbehar	–	1	–	–	–	–	–
Darjeeling	2	–	–	–	–	–	–
Hooghly	3	1	–	–	–	–	–
Howrah	1	–	–	–	–	–	–
Jalpaiguri	1	–	–	–	1	–	–
Malda	1	–	–	–	–	–	–
Midnapore	2	–	–	–	2	–	–
Murshidabad	1	–	–	–	1	–	–
Nadia	1	–	–	–	–	–	–
North Dinajpur	1	–	–	–	–	–	–
North 24-Parganas	5	1	–	–	–	–	–
Purulia	1	–	–	–	–	–	–
South Dinajpur	–	–	–	–	1	–	–
South 24-Parganass	1	1	–	–	–	–	–
TOTAL	**26**	**04**	**02**	**02**	**08**	**01**	**01**

PROFESSIONAL COURSES

8.1 TEACHERS' TRAINING

The Teachers' Training Colleges fall into two categories: (a) B.Ed Colleges and (b) Physical Education Colleges.

LIST OF SECONDARY TEACHERS' TRAINING COLLEGES IN WEST BENGAL WITH THEIR INTAKE CAPACITY

A.	GOVT. B.ED. COLLEGE
SL.NO.	NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE
1.	David Hare Training College , 25/3, Ballygunge Circular Road, Calcutta –700 019
2.	Institute of Education for Women, Hastings House, Alipore, Calcutta –700 027.
3.	Government Training College, Hooghly, P.O.& Dist. Hooghly
4.	Institute of Education for Women, Chandernagore, Dist. Hooghly.
5.	Government Teachers' Training College, P.O. & Dist-Malda.
6.	Government College of Education, Banipur, P.O. & Dist-24-Parganas (North)
7.	Government College of Education, P.O. & Dist- Burdwan
B.	GOVT. SPONSORED B. ED. COLLEGE
1.	A.C.Training College, P.O. & Dist-Jalpaiguri.
2.	Sree Ramkrisha B.T. College. Darjeeling, Bagmari House, P.O. & Dist-Dist-Darjeeling.
3.	Sevayatan B.T. College, P.O. Sevayatan, Dist –Midnapore.
4.	R.K. M.Sikshan Mandir, B.Ed, College, P.O. Belurmath, Dist –Howrah.
5.	Sponsored Teachers Training College, P.O. & Dist- Purulia.
6.	Raiganj B.Ed. College, Karnojora Housing Estate, P.O. Raiganj, Dist-West-Punajpur.
C.	B. ED. COLLEGES (NON GOVERNMENT)
SL.NO.	NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE
1.	Union Christian Training College, P.O. Berhampore, Dist-Murshidabad
2.	Shimurali Sachinandan College of Education, P.O. Anur, Dist-Nadia.

3.	R.K. Saradapith (B.Ed. College) P.O. Anur, Dist—Hooghly
4.	Nilkhil Banga Sikshan Mahavidyalaya, P.O. Bishnupur, Dist—Bankura.
5.	Vidyasagar Teachers' Training College, P.O. & Dist-Madnapore.
6.	Gopal Chandra Memorial College of Education, P.O. New Barrackpore, Dist-24 Pargans (North).
7.	Gandhi Centenary B.T. College , P.O.Habra, Dist –24-Parganas (North)
8.	A.B.T.T. College, Calcutta , P-14,Ganesh Chandra Avenue, Calcutta—13
9.	Calcutta Girls' B.T.College , 6/ 1 , Swinhoe Street, Calcutta –19
10.	Nandalal Ghosh B.T. College , P.O. Madral, Dist. 24-Parganas(North)
11.	Siliguri B.Ed. College, P.O. Kadamtala, Siliguri, Dist—Darjeeling.
12.	Jadavpur Vidyapath College of Education, P.O. Jadavpur, Calcutta –700032
13.	Ramkrishna Mission Brahmananda College of Education, P.O. Rahara, Dist. 24-Parganas(North)
D.	**UNIVERSITY B. ED. DEPARTMENTS**
1.	Teachers Training Department, Calcutta University, U. C. A. C. Alipur Campus1, Reformatory Street, Calcutta –700027
2.	Vinayak Bhawan, Viswa Bharati University ,Santiniketan, Dist-Birbhum
3.	Kalyani University , P.O. Kalyani, Dist-Nadia
4.	University B. T. College (North Bengal University), P.O. & Dist. Cooch Behar
5.	University Institute of Science Education, University of Burdwan, P.O. & Dist –Burdwan.
6.	B.Ed. Department, Rabindra Bharati University
E.	**NON-GOVERNMENT DEGREE COLLEGE (having B.Ed. department)**
SL No.	**NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE**
1.	St. Xavier's College , 30, Park Street, Calcutta –700 016
2.	Scottish Church College , 1 & 3, Urquhart Square, Calcutta –700 006

3.	Sree Sikshyatan College , 11, Lord Sinha Road, Calcutta –700016
4.	Acharya. J.C. Bose College , 1 / 1 A, Archarya, J.C. Bose Road, Calcutta –700 071
5.	Loreto College ,7, Middleton Row, Calcutta –700 071
6.	Fakirchand College, Diamond Harbour, Dist –24-Parganas (South).
7.	Gobardanga Hindu College, P.O. –Gobardanga, Dist. 24 –Parganas (North).
8.	Uluberia College, P.O. –Uluberia, Dist-Howrah.
9.	Bijoy Krishna Girls, College, 5/ 3, Mahatma Gandhi Road, Dist—Howrah.
10.	Panskura Banamali College, P.O. –Panskura, Dist—Midnapore.
11.	Contai P. K.College, P.O.-Contai, Dist-Madnapore.
12.	Tamralipta Mahavidyalaya, P.O.—Tamluk, Dist—Madnapore
13.	Katwa College , P.O. - Katwa, Dist. Burdwan
14.	Kalna College P.O.-Kalna, Dist-Burdwan
15.	Yogoda Satsanga Palpara Mahavidyala, P.O.- Palpara, Dist – Midnapore

An Institute of Advanced Studies in Education (IASE) have been set up at David Hare Training College, Kolkata at University of Kalyani and the Centres of Teacher Education (CTE) are going to be set up in certain Government Non Govt. Teachers' Training Colleges, under a Central Government Scheme.

M. Ed. Course is going to be started this year at David Hare Training College, Kolkata.

8.2 PHYSICAL EDUCATION

A list of institutions providing under-graduate and post- graduate education in physical education is given below.

A. GOVERNMENT PHYSICAL EDUCATION COLLEGES

SL. NO.	COLLEGE	AFFILIATING	COURSE CONDUCTED UNIVERSITY
1.	Post-Graduate Training College for Physical Education, Banipur, North 24 Parganas.	Calcutta	M.P.Ed. (Co-ed.) (Two years) B.P.Ed.(Co-ed.) (one Year)
2.	State Institute of Physical Education for Women, Hastings House, Calcutta.	Calcutta	B.P.Ed. (Women) (One year).
3.	Government Physical Education College for Women, Hooghly.	Burdwan	B.P. Ed. (Women) (One year)
4.	Government College of Physical Education for Women, Dinhata, Coochbehar.	North Bengal	B.P.Ed. (Women) (One year)

The Non-Government colleges receive financial assistance for stipend and tour programmes. Some of them get grants for purchasing sports equipment and books.

B. UNIVERSITY DEPARTMENTS

SL.NO.	DEPARTMENT	UNIVERSITY	COURSE CONDUCTED
1.	Department of Physical Education B.P.Ed.(Co-ed)	Kalyani	M.P.Ed. (Co-ed.)
2.	Department of Physical Education	Jadavpur	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)

Since 1997-98 Physical Education has been introduced as an elective subject for higher education. It is noteworthy that three Govt. Colleges and nine Non-Govt. Colleges are offering Physical Education as an elective subject and in each College 50 to 60 students have chosen Physical Education as one of their combination subjects.

C. NON-GOVERNMENT COLLEGES WITH PHYSICAL EDUCATION DEPARTMENT

1.	Nikhil Banga Sikshan Mahavidyalaya, Bishnupur, Bankura.	Burdwan	B. P. Ed. (Men) (One year)
2.	Union Christian Training College, Berhampore, Murshidabad.	Calcutta	B. P. Ed. (Men)
3.	Seva Bharati Mahavidyalaya, Kapgari, West Midnapore	Vidyasagar	B. P. Ed. (Men)
4.	Panskura Banamali College (East Midnapore)	Vidyasagar	B. P. Ed.

D. COLLEGES OFFERING PHYSICAL EDUCATION AS AN ELECTIVE SUBJECT

Sl.No	COLLEGE	DISTRICT	AFFILIATING UNIVERSITY
1.	Garhbeta College	Midnapore	Vidyasagar
2.	Panskura Banamali College	Midnapore	Vidyasagar
3.	Pingla Thana Mahavidyalaya	Midnapore	Vidyasagar
4.	Haldia Government College	Mindapore	Vidyasagar
5.	Memari College	Burdwan	Burdwan
6.	Rabindra Mahavidyalaya	Hooghly	Burdwan
7.	Vivekananda Mahavidyalaya	Burdwan	Burdwan
8.	Ananda Chandra College	Jalpaiguri	North Bengal
9.	Siliguri College	Darjeeling	North Bengal
10.	Mukberia Gangadhar Mahavidyalaya	Midnapore	Vidyasagar
11.	Durgapur Govt. College	Burdwan	Burdwan
12.	Jhargram Raj College	Midnapore	Vidyasagar
13.	Tamralipta Mahavidyalaya,	(East Midnapore)	Vidyasagar
14.	Dhruba Chand Halder College	South 24 Parganas	Calcutta

The 2nd Inter-Non-Govt. College Athletic Meet (both for men and for women) and Inter-Non-Govt. College Football Championship (for men only) have been arranged for the students of the Non-Govt. Colleges all over West Bengal.

8.3 LAW EDUCATION

The introduction of law education in India can be traced back to the year 1827 when the course was introduced in Hindu College. When Presidency College came into being in 1855, law education became an important department of the College. Various factors, however, compelled this law department to be abolished in 1884. Ripon College (now Surendranath College) was granted affiliation to teach B. L. in 1885. The next major step in law education of the State was taken when Calcutta University opened its law college in 1909. Since 1970, four more law colleges have come up, along with law colleges at North Bengal and Burdwan Universities. The academic status of law education has however, fluctuated over the decades. Initially, it attracted brilliant scholars and produced most of the legal luminaries of the 19th century. After the First World War, the legal profession became overcrowded. After the Independence, law graduates came to be in high demand due to industrial and commercial growth and the facilities for law education was expanded.

Previously, the study of law comprised 3 year courses but of late a major innovation has been made by introducing a 5-year integrated course on the recommendations of the All India Bar Council. The course starts beyond the H.S. stage and the first 2 years include, apart from some basic law courses, English, Political Science, History and allied subjects. The last three years are devoted to the teaching of only law subjects.

The West Bengal University of Juridical Science was formally inaugurated on 22nd April 2000. The admission to the 5-year Course in law offered by the University is made through an All India Entrance Examination. The present position in legal education in the State is enumerated below in a summary form :

TYPE OF COURSES

(i) L.L.M. — 3 University Departments and in the newly established University of Juridical sciences.

(ii) L.L.B. — 8

(iii) Colleges and 3 University Departments

(i) L L.M. COURSE						
COLLEGE	INTAKE					DURATION
(a) Calcutta University	M.	F.	SC.	S.T.	TOTAL	2 yrs. : Day
Regular	6	2	2	-	10	
External	11	-	3		14	
(b) Burdwan University	12	1	3	-	16	2 yrs. : Day
(c) North Bengal University	16	6	2	-	24	2 yrs. : Day

(ii) L L.B. COURSE

CALCUTTA UNIVERSITY
(i) Preliminary (ii) Intermediate (iii) Final
5 yrs. Course; after 10 + 2 class

	INTAKE					
INSTITUTION	M.	F.	S.C.	S.T.	TOTAL	**DURATION**
(a) Calcutta University Law Department Hazra Road, Calcutta-700 019 Ph. : 2475-1766/5801	192	128	89	1	320	Whole time course Day or Morning

(b) Jogesh Ch. Choudhury Law College 30, Prince Anwar Shah Road, Calcutta - 700 033 Ph. : 473-4622	247	73	39	2	320	Morning
(c) South Calcutta Law College Swinhoe Street, Cal-19 Ph. : 440-8182	-	-	-	-	320	Morning
(d) Surendranath Law College 24/2, Mahatma Gandhi Road, Calcutta Ph. : 350-3896	225	95	87	3	320	Morning

UNIVERSITY OF BURDWAN, GOLAPBAG

(i) Preliminary (ii) Intermediate (iii) Final

[3 yrs. after graduation (40% or Hons. / Masters in any subject)]

COLLEGE	INTAKE					DURATION
	M.	F.	SC.	S.T.	TOTAL	
(a) Hooghly Mohsin College	65	15	21	1	80	Afternoon 2 P.M.

NORTH BENGAL UNIVERSITY

(i) Lateral 5 yrs. after 10+2 (40%), (ii) LL.B. 3 yrs. after Pass or Hons

COLLEGE	INTAKE					DURATION
	M.	F.	SC.	S.T.	TOTAL	
(a) North Bengal University Law College	179	110	30	12	289	Day
(b) Jalpaiguri Law College						
- Preliminary	198	59	40	1	257	Day
- Intermediate	155	57	52	1	212	Day
- Final	116	40	38	-	156	Day
(c) Sikkim Law College	N.A.	N.A.	N.A.	N.A.	N.A.	Day

8.4 Computer and IT related education programme

8.4.1 a) *B. C. A. Course*

A number of General Degree Colleges affiliated to different universities including Calcutta, Burdwan and North Bengal are conducting BCA Courses. In a few Engineering Colleges affiliated to the West Bengal University of Technology have also introduced the BCA course.

8.4.2 Computer Science & Electronics Hons. and General Courses

b) At present B.Sc.(Hons.) course in Computer Science is offered in 8 general degree colleges and Electronics in 14 general degree colleges. B.Sc.(General) courses with Computer Science are available in around 50 colleges and with Electronics in 40 General Degree Colleges. Vocational courses in Computer Science are also available in 21 colleges.

B.Sc.(Hons.) courses in Computer Science and Electronics are also proposed to be introduced in a few general degree colleges where general courses with Computer Science/Computer Application/Electronics as elective or vocational subjects are taught.

8.4.3 DOEACC ACCREDITED COMPUTER COURSES IN 'O' 'A' 'B' AND 'C' LEVEL

a) Computer Courses in 'O'(Foundation courses), 'A' (PGDCA), 'B'(MCA) And 'C' (M.Tech.) level are conducted at the Institute of Computer Engineers (India), Chatterjee International Centre, 33A, Chowringhee Road, Kolkata-700071 and in some other institutions.

b) The DOEACC accredited 'O' & 'A' level courses are also conducted by the Institute of Computer Engineers (India) in collaboration with the following General degree colleges and universities.

Sl. No.	Name of the Centres	Name of the Courses available	District
1.	The Institute of Computer Engineers (India), 12th fl., Chatterjee International Centre, 33A Chowringhee Rd., Kolkata-71, Ph.-226-4396, 226-9785	'O', 'A', 'B' & 'C' Level	Kolkata
2.	Rabindra Bharati University, B. T. Rd., Calcutta, Ph - 556-4338	'A' Level	Kolkata
3.	Vidyasagar College, Calcutta – 6	"	Kolkata

4.	Heramba Chandra College, Golpara, Calcutta	"	Kolkata
5.	Dinabandhu Andrews College, Garia	"	Kolkata
6.	Bejoy Krishna Girls' College, Howrah	"	Kolkata
7.	Vivekananda Mahavidyalaya, Burdwan	"	Kolkata
8.	Bidhan Chandra College, Asansol	"	Kolkata
9.	R. B. C. College, Naihati	"	Kolkata
10.	T.D.B. College	"	Kolkata
11.	Ashutosh College, 26	"	Kolkata
12.	Jogesh Ch. Chowdhury College,	'O' Level	Kolkata
13.	Gurudas College, Calcutta	"	Kolkata
14.	Gokhale Memorial Girl's College	"	Kolkata
15.	South Calcutta Girl's College	"	Kolkata
16.	Charu Chandra College	"	Kolkata
17.	Harimohan Ghosh College	"	Kolkata
18.	Vivekananda College, Thakurpukur	"	Kolkata
19.	S. A. Jaipuria College	"	Kolkata
20.	Basanti Devi College	"	Kolkata
21.	Ashutosh College	"	Kolkata
22.	East Calcutta Girls' College	"	Kolkata
23.	New Alipore College	"	Kolkata
24.	Vijaygarh Joytish Roy College	"	Kolkata
25.	Women's College	"	Kolkata
26.	Kidderpore College	"	Kolkata
27.	Bangabasi College of Commerce	"	Kolkata
28.	Jogamaya Devi College	"	Kolkata
29.	Motijhil College	"	North 24 Parganas
30.	Barrackpur Rastraguru Surendranath College	"	North24 Parganas
31.	A. P. C. College, New Barrackpore	"	North24 Parganas
32.	Mahadevananda Mahavidyalaya	"	North24 Parganas
33.	Bramhananda Keshab Chandra College	"	North24 Parganas
34.	Sarojini Naidu College, Dum Dum	"	North24 Parganas
35.	Behala College	"	South24 Parganas
36.	Vivekananda College for Women	"	South 24 Parganas

37.	Sammilani Mahavidyalaya	"	South 24 Parganas
38.	Narendrapur Ramkrishna Mission Residential College	"	South 24 Parganas
39.	Fakir Chand College	"	South 24 Parganas
40.	Dinabandhu Andrews College, Garia	"	South 24 Parganas
41.	Lalbaba College	"	Howrah
42.	Uluberia College	"	Howrah
43.	Shibpur Dinabandhu Institution (College)	"	Howrah
44.	Bidhan Chandra College, Rishra, Hooghly	"	Hooghly
45.	Raja Pearymohan College	"	Hooghly
46.	Sree Gopal Banerjee College	"	Hooghly
47.	Sreerampur College	"	Hooghly
48.	Rabindra Mahavidyalaya	"	Hooghly
49.	Vivekananda Mahavidyalaya, Haripal	"	Hooghly
50.	Midnapore College	"	Midnapore
51.	Kharagpur College	"	Midnapore
52.	Krishnath College, Behrampore,	"	Murshidabad
53.	Berhampore College	"	Murshidabad
54.	Ranaghat College	"	Nadia
55.	Chakdaha College	"	Nadia
56.	Bidhan Chandra Krishi Viswavidyalaya	"	Nadia
57.	North Bengal University (DTP Training Centre)	"	Jalpaiguri
58.	Pravat Kumar College	"	Midnapore
59.	Ramananda College	"	Bankura
60.	Suri Vidyasagar College	"	Birbhum
61.	Cooch Behar College	"	Cooch Behar
62.	Dinhata College	"	Cooch Behar
63.	Tufanganj Mahavidyalaya	"	Cooch Behar
64.	Vivekananda College	"	Jalpaiguri
65.	Sukanta Mahavidyalaya	"	Jalpaiguri
66.	A. C. College of Commerce	"	Jalpaiguri
67.	Balurghat College	"	South Dinajpur
68.	Raiganj College	"	South Dinajpur
69.	Victoria Institution (College)	"	Darjeeling

8.4.4 Webel in collaboration with different General degree colleges offer Computer education to the students. The restructuring of the course offered in those institutions is under process.

Under the University of Calcutta

St. Paul's Cathedral Mission College, Calcutta, Bhairab Ganguly College, Belgharia, Mrinalini Dutta Mahavidyapith, Birati, Maharani Kashiswari College, Calcutta, Nabadwip Vidyasagar College, Barasat Govt. College, Acharya Prafulla Chandra College of Commerce, New Barrackpore, Haringhata Mahavidyalaya.

Under the University of Burdwan

A. K. P. C. Mahavidyalaya, Bengai, Khalisani Mahavidyalaya, Kalna College, Guskara Mahavidyalaya, Katwa College, Burdwan Raj College, Memari College, Bolpur College, Netaji Mahavidyalaya, Arambag, Sri Ramkrishna Sarada Vidyamahapith, Kamarpukur, Bankura Sammilani College, Sonamukhi College, Birbhum Mahavidyalaya, Suri, Krishna Chandra College,Jhalda,Achhuram Memorial College, Jhalda, J.K.College, Nistarini College, Purulia, B.B. College, Asansol, Shyamsundar College, Burdwan.

Under the Vidyasagar University

Panskura Banamali College, Panskura ; Rabindra Satabarsiki Mahavidyalaya, Ghatal; Jhargram Raj College, Jhargram. College.

Under the North Bengal University

Malda College, Chanchal College, A. B. N. Seal College, Cooch-Behar.

8.4.5 The Netaji Subhas Open University, in collaboration with the Regional Computer Center, Kolkata, has set up the School of Digital Learning. The school is offering modular courses in Web Application Development, Information Technology and Multimedia Content Development etc.(leading to BCA degree), on a pilot basis at its premises in Gol Park,Calcutta-700 029. It will be available in the distance mode once the course content has been finalized.

8.4.6 In order to meet the shortage of teachers in the field of Computer Science and Engineering and Information Technology, the West Bengal University of Technology is introducing shortly an MCA Honours course.

8.4.7 TATA – Infotech Ltd.Globsyn Technology Ltd., Brainware Consultancy P. Ltd., Data Core (India) Ltd., Interfrace 4U and NIIT are setting up their units in some of the general degree colleges of the State for imparting quality Computer and IT Education in collaboration with Webel Informatics Ltd.

8.5 COMMERCIAL EDUCATION

8.5.1 RAMAKRISHNA MISSION ASHRAMA COMMERCIAL INSTITUTE

Narendrapur, Kolkata – 700103
West Bengal, Phone No.477-2201.

The demand for manpower with the working knowledge of Computer/Electronic Typewriting/ Shorthand/Typewriting (Manual) and Spoken English and its application in business, profession and almost in every other field has been steadily increasing during the post few years. Ramakrishna Mission Ashrama Commercial Institute aims at extending these training to enable young boys and girls to have employment at different offices at convenient reasonable and affordable charges. It offered shorthand and typewriting course in English to 40 and 70 in the year 2000. During the same period it offered shorthand and typewriting course in Bengali to 23 and 48 students respectively. 75 students are taking training in Spoken English and in Computer 125 students are getting training in different courses such as Office Management Course/ Financial Accounting/ DTP with Bengali Font and Multimedia at present.

8.6 ART EDUCATION

There are two Art Colleges in the State; one of them is a Government College and the other is a Non-Government College, supported by the Government for its maintenance.

8.6.1 GOVERNMENT COLLEGE OF ART AND CRAFT

28, Jaharlal Nehru Road, Calcutta-700016.
Telephone: 249-2027

The Government College of Art and Craft, originally started as the School of Art in 1864, was established in 1950. The University of Calcutta granted affiliation to the College in 1981. The Master of Visual Arts Course was started in 1999-2000.

The original building of the college is in the pattern of the Royal College of Art, London. Subsequently more buildings have come up to accommodate various departments and activities of the college.

COURSES OF STUDY AND OTHER ACTIVITIES

Five years integrated course :

i) Preparatory Course (equivalent to H. S.) —Two years

ii) Bachelor of Visual Arts (Honours Degree Course)- Three years with seven streams—Drawing and Painting (Western Style), Drawing and Painting (Indian Style), Graphic Design / Applied Art, Modeling and Sculpture, Ceramic Art and Pottery, Textile

Design and Woodwork, Leather Craft, Toy making.

Master of Visual Art (MVA) : Two years Post graduate course with the following three streams

A. Painting
   (a) Oil-based Techniques.
   (b) Water-based Techniques.
   (c) Print Making
B. Modeling and Sculpture
C. Applied Art and Design.
   (a) Applied Art.
   (b) Ceramics
   (c) Textiles.
   (d) Wood and Leather Craft.

ACTIVITIES

1. A workshop on painting was arranged for the M.V.A. students under the noble guidance of eminent painter and print maker of England Mr. Peter Dagnis.
2. Several lectures were arranged to enrich the field of knowledge of the students, which were addressed by notable art critics and painters.
3. The College observed the birth centenary of Devi Prasad Roychowdhury, the famous Indian scholar sculptor. Many leading art critics, painters and sculptors attended the celebration.
4. Besides the award of College Scholarships and Stipends, the students of this College received a number of private scholarships on the basis of their performances.
5. One of the students of M.V.A. course named Shri Tapas Sardar won the prestigious "Green Shield Award" of Canada worth Rs. 2,90,000/
6. A portion of the two-storied "L" shaped building was completed and it is expected that renovation of the rest portion of the "L" shaped building with Exhibition Hall will start soon.
7. A number of new teachers have joined this College in the vacant posts in different departments.

8.6.2 THE INDIAN COLLEGE OF ARTS AND DRAFTSMANSHIP

72, Dum Dum Road, Calcutta-700 074
Establishment year-1893
(Affiliated to Rabindra Bharati University)

COURSES OFFERED :

Bachelor of Visual Arts: 5 years integrated course ; Preparatory course - 2 years duration consisting of 800 marks ; Theory-400 and Practical 400.
Specialization course of 3years duration with Specialization in Painting, Sculpture and Applied Art (Commercial Arts). The course is of an Honours standard.

8.7 MUSIC

8.7.1 BENGAL MUSIC COLLEGE

P-1, C.I.T. Scheme - LXXII; Gariahat Road,
Calcutta-700 029, Ph. 466-2692
(Affiliated to Calcutta University, Established : 1940)

OBJECTIVE

The Bengal Music College has been established to extend systematic training in the field of Indian Classical Music, Rabindra Sangeet, Folk Songs of Bengal, Thumri, Bhajan, Puratani and Modern Bengali Songs' etc. The College is a pioneer in the field of Music Education in West Bengal. The College offers Music as an elective subject in B.A/B.Sc. Degree Course under Calcutta University.

Name of Course	Duration	Intake Capacity
Bachelor in Music (Pass)	3 years	50s (including SC/ST)
Bachelor in Music (Hons.)	3 years	20 (including SC/ST)
Music as an elective subject B.A. / B. Sc. Course	3 years	200 (including SC/ ST)

Apart from the above, college of Music, there is a Music college in Burdwan offering Degree and Diploma/Certificate in Rabindra Sangeet, Classical and Instrumental Music.

Rabindra Bharati and Viswa Bharati Universities have their Music Departments offering under graduate and post-graduate degrees and diplomas.

8.8 I.A.S. & W.B.C.S COACHING CENTRES

There is an I.A.S. Training Centre at Presidency College. It prepares students for both the Preliminary and Main Examinations. It also arranges mock interviews for those who have qualified for the Personality Test. Besides the compulsory subjects, it offers training in 15 optional subjects for the Preliminary Examination and 18 optional subjects for the Main Examination.

The annual intake of students at the Centre is normally 60. The session starts from the middle of August every year and continues up to the end of October next year. The Centre has achieved some success. The number of successful students of the Centre in the last four years is 6 and the best ranking so far is 19th.

A Coaching Centre has been opened at Maulana Azad College, Calcutta in 1991 to help candidates from educationally backward minorities to take competitive examinations as per scheme by the U.G.C.

Some of the Non-Government Colleges also have been imparting training for W. B. C. S. and I. A. S. Examinations. Coaching facilities are available in Basanti Devi College, Indian Institute of Social Welfare and Business Management and Asutosh College, in Calcutta.

CHAPTER – 9

ACTIVITIES OF THE WINGS OF THE GOVERNMENT, ACADEMIES AND ORGANISATIONS

9.1 Institut de Chandernagore

9.2 Institute of English

9.3 Joint Entrance Board

9.4 Netaji Institute for Asian Studies

9.5 National Cadet Corps (NCC)

9.6 National Service Scheme (NSS)

9.7 Paschim Banga Hindi Academy

9.8 West Bengal District Gazetteers

9.9 West Bengal State Archives

9.10 West Bengal State Book Board

9.11 West Bengal State Council Of Higher Education

9.12 West Bengal College Service Commission (WBCSC)

9.13 Day Students' Homes

CHAPTER - 9

ACTIVITIES OF WINGS OF THE GOVERNMENT, ACADEMIES AND INSTITUTES

9.1 INSTITUT DE CHANDERNAGORE

Strand Road, Chandannagar, Hooghly, Phone-(003) 683-9661

On 2nd February, 1951, the Treaty of cession of Chandernagore was signed by the President of Franch Republic and the President of India. In pursuance of said Treaty, Article IX, the Museum as cultural souvenir of two countries was established by the Government of India with the collection of Harihar Sett, in 1952 .

On 2nd October, 1954, the town of Chandernagore was merged with West Bengal and constituted into a Sub-divisional Town in terms of the Merger Act. As per provisions of the Treaty, recommendation of the Jha Commission and the Merger Act, the Museum was re-organised in the new name "INDO-FRENCH CULTURAL CENTRE AND MUSEUM" (Institut de Chandernagor) with three wings MUSEUM, LIBRARY and FRENCH LANGUAGE STUDY under Higher Education Department, Government of West Bengal, on the 13th January, 1966.

I. Museum :

Open : 11 a.m. to 6 p.m. (March to November)
11 a.m. to 5-30 p.m. (December to February)

The museum is oriented in several galleries (1) European settlement in Bengal (2) French furniture (3) The 19th and 20th century of French period (4) Dupleix (5) Indo-French Friendship (6) History of Indian freedom (7) Painting (8) Handicrafts (9) Sculpture (10) Terracotta (11) Coin (12) Rabindra Nath Tagore at Chandernagore.

II. Exhibition :

a) His Excellency Mr. Bernard De Montferrand, the Ambassador of French in India visited the Institute on 10th April, 2002 and inaugurated an Exhibition on Chandernagore in 17th & 18th century. The Mayor, Chandernagore Municipal Corporation gave a CIVIC RECEPTION of his honour visit at Chandernagore.

b) Institut de Chandernagor organised an Exhibition on "the 17th Century of Hooghly and Bengal Renaissance at Bansberia in collaboration with Bansberia Municipality on 5th February to 7th February, 2003.

III. Library :

The library has a rich collection of about 18,200 Books and Journals which are research oriented reference and rare books and also records of the French period.

Research scholars in different subjects are working in the library.

IV French Language Course (Part-Time) :

The Institute offers one evening Adult French Language and Literature course in two levels, Certificate and Diploma with two semesters for each levels. The Diploma course is equivalent to a pass course of Bachelor of Arts Degree. The Burdwan University has decided that a student who passes the B.A. Examination as well as the French Certificate and Diploma Examination from the Institut de Chandernagor would be treated to have passed the B.A. Examination with French as a combination subject.

The French Film festival was held on 18th to 20th July 2002 in collaboration with the Ambassador of France in India Giri-Doot, Chandernagore and Institute.

The Buildings of Institut de Chandernagor, former the French Governor House (DUPLEIX PLACE) has been declared the Ancient Monument to be of National importance in the provision Ancient Monument and Archaeological sites and Remains Act 1958 in Sub-section (3) of Section – 4 by Archaeological Suvey of India, Department of Culture, Central Government. The final notification was published in the Gazette of India on the 4th March, 2003. Now it would be opened a new windows to the scopes of development of the Institute.

9.2 INSTITUTE OF ENGLISH

119, S.P. Mukherjee Road, Calcutta –700 026, Phone 466-3039.

The Institute was founded by the Government of West Bengal in collaboration with the British Council in 1963. It is an autonomous institution under the financial and the administrative control of the Education Directorate. It enjoys full academic autonomy in devising courses and syllabus, conducting examinations and conferring diplomas.

I. COURSES :

(a) Diploma in English Language Teaching (DELT) : A full time course with the objective of improving the standard of English teaching and learning in the schools of the state. Two courses are conducted in a year, having a duration of 4 months each (January to April and June to September).

II. ENTRANCE QUALIFICATIONS :

(a) DELT

(i) Practising teachers of English from Secondary and Higher Secondary Schools; Lecturers in English from Colleges; or

(ii) Graduates with Hons. or M.A . in English.

III. EXAMINATION

Mid-term test
Final Test
Course Assignment
Practice and final teaching

IV. PROJECTS UNDERTAKEN :

(a) Field evaluation of DELT Course;
(b) Multi-media materials production;
(c) Curriculum implementation and classroom interaction: a close study on the workability of "Step to Learning English" as prescribed by the WBBSE for Class V.
(d) Building Learner Profiles–a systematic study of Proficiency levels at school leaving stage.

V. PUBLICATIONS :

(i) A report on the Field Evaluation of the DELT Course.
(ii) Active listening I — Students' workbook — Teachers' Manual — 3 Cassettes.
(iii) Active Listening II — Students' workbook — Teachers' Manual — 3 Cassettes
(iv) Listening for pleasure III — Teachers' Manual — 2 Cassettes

VI. ACTIVITIES :

1. Introduction of a Post-graduate course in M.A.(ELT) in collaboration with the Netaji Subhas Open University is under consideration. Materials production for this course is under process.
2. A three-month proficiency course in English language is conducted during evening in collaboration with the Centre for Adult & Continuing Education and Extension, Jadavpur University.
3. Computer course for language teachers introduced.

9.3 JOINT ENTRANCE BOARD

WEST BENGAL BOARD OF EXAMINATION FOR ADMISSION TO ENGINEERING, MEDICAL AND TECHNOLOGICAL DEGREE COLLEGES, HOWRAH (or JOINT ENTRANCE BOARD, HOWRAH)

Slater Hall, B. E. College (D. U.), Howrah 711103

The Joint Entrance Board is a self-finance organisation established in the year 1962 in terms of an Executive Order issued by the Higher Education Department (Technical Branch), Government of West Bengal vide G.O. No. 828-Edn (T) dt. 02.03.1962 and amendments incorporated in it from time to time for regulating admission to :

(1) Engineering Degree Colleges (from 1962). At present the total number of Colleges are 41 upto 2002 – **JEM**

(2) Technological Degree Colleges (from 1971) – **JEM**

(3) Medical/Dental Colleges (from 1972) – **JEM**

(4) State Polytechnics (from 1979) – **JEXPO**

(5) Master of Computer Application Courses (from 1989) with B.E. College (D.U.) and Jadavpur University. From 2000 onward Burdwan University, Vidyasagar University, North Bengal University, Regional Engineering College, Durgapur & R.C.C. Institute of Information Technology, Kolkata were also included under Joint Entrance Examination.

In the year 2001 onwards, Viswa Bharati University, University of Kalyani and JIS College of Engineering, Kalyani were included.

In the year 2002, Kalyani Government Engineering College; Netaji Subhas Engineering College; Siliguri Institute of Technology; Techno India, Kolkata; Asansol Engineering College; Bengal Institute of Technology, Kolkata; Haldia Institute of Technology; Paailan College of Management & Technology were included. At present total number of colleges are 18 upto 2002 - **JECA**

(6) B. Arch. Course at B.E. College (D.U.) and Jadavpur University (from 1990) – **GDAT**

(7) B A M S. — Ayurvedacharyya / Diploma in Marine Engineering (from 1992) – **JEMARH**

(8) B. H. M. S. (Homeopathy) Course (from 1997) – **JEMARH.**

(9) B.Sc. in Physiotherapy Course in I.P.G.M & R(from 1999) – **JEMARH.**

(10) Lateral entry to 2nd year of the four years course of Bachelor Degree in Engineering/Technology in west Bengal (from 2002) – **JELET**

After 1998, the admission test conducted by the Board for admission to Diploma Course in Marine Engineering was discontinued following the decision taken by the West Bengal State Council of Technical Education to admit students on the basis of marks obtained in the Higher Secondary Examination.

The Office of the Board is situated from its inception at Slater Hall, within the B.E. College (D.U.) Campus. The Vice-Chancellor of the B.E. College (D.U.) is the Chairman of this Board while twenty-three other members include the heads of professional colleges, Official from the Department of Higher Education and Health of the Government of West Bengal and Member Secretary who happens to be a Senior Faculty Members of B.E. College (D.U). Additional Secretary who happens to be a faculty member of B.E. College (D.U.) is a permanent invitee of the Board. The total number of candidates appearing in all the examinations taken together has increased from 5,000 in 1962 to nearly 1,00,000 in the year 2002.

Different Examinations conducted by the Board during the year 2002 for regulating the admission of the students to professional colleges and courses as given in the following table. The names of the corresponding examinations are given in abbreviated form within the brackets :-

Sl. No.	Professional Colleges/Courses to which admission was sought through Joint Entrance Examination	No. of Candidates Enrolled - 2002
1.	State Polytechnics **(JEXPO)**	17,369
2.	Engineering/Technological & Medical / Dental Colleges **(JEM)** (i) Engineering / Technological (ii) Medical / Dental	 36,586 31,076
3.	Master of Computer Application **(JECA)**	3,438
4.	B. A. M. S. – Ayurvedacharys and B.H.M.S. in Homeopathy and B.Sc. in Physiotherapy **(JEMARH)**	2,342
5.	Supplementary Examination of JEM- Engg. for admission to B. Arch. course **(GDAT)**	872
6.	Lateral entry to 2nd year of the four years course of Bachelor Degree in Engineering/Technology – **JELET**	3,523

9.4 NETAJI INSTITUTE FOR ASIAN STUDIES

1, Woodburn Park, Calcutta- 700 020,
Telefax 2247-3145;Telephone : 2287-1079; Email : nias@cal2.vsnl.net.in
(Estd. 1981)

The Institute has been pursuing its mandated research agenda on (a) Indian National Movement, especially the role of Netaji Subhas Chandra Bose and the Indian National Army, (b) Trends in the nation-building processes in South and South-East Asia and (c) Asian relations. In addition to the maintenance and research grants sanctioned by the Government of West Bengal, the Institute could mobilize resources for its research projects from other funding agencies.

I. The Faculty :

(i) Dr. Suranjan Das, Pro Vice-Chancellor for Academic Affairs, University of Calcutta, is functioning as the Honorary Director of the Institute.

(ii) Dr. Mamata Desai is Professor, Department of Ecology and Environment.

(iii) Dr. Ramkrishna Chattopadhyay is Assistant Professor, Department of Social and Political History.

II. Research Projects of the Institute :

(i) 'The West Bank of Hugli : A Historical Perspective' coordinated by Professor Basudeb Chattopadhyay and Professor Suranjan Das (Funded by the Government of West Bengal). The project has been completed and the volume is in press.

(ii) 'Documenting a turning point in the history of West Bengal: the Food Movement of 1959' sponsored by the Department of Higher Education, Government of West Bengal, and coordinated by Prof. Suranjan Das, and Dr. Premangshu Bandopadhyay. The project has been completed and the volume is in press.

(iii) 'Process Documentation Study in the Buxa Tiger Reserve under IEDP' sponsored by World Bank, Co-ordinated by Dr. Mamata Desai and financed by the Department of Forest, Government of West Bengal (completed and submitted).

(iv) 'Identification and Mapping of Hazard - prone Areas regarding landslides in Darjeeling Hill Areas' Co-ordinated by Dr. Mamata Desai, sponsored by UNICEF and financed by the District Administration, Darjeeling (completed and submitted).

(v) Mapping of Drainage Pattern in the form of Basin Catchments in the Darjeeling Hill Areas. Sponsored by UNICEF, Co-ordinated by Dr. Mamata Desai and financed by the District Administration, Darjeeling.

(vi) Natural Resources Utlisation and Technological Erosion among the Hill Kharias of Purulia District, West Bengal. Co-ordinated by Dr. Mamata Desai, financed and

sponsored by the Department of Science and Technology, Government of West Bengal (Running).

(vii) Problems, Prospects and Impact of Development on Lodha Community; A Primitive Tribes of West Bengal. Co-ordinated by Dr. Mamata Desai and financed by the Cultural Research Institute and Tribal Welfare Department Government of West Bengal (Running)

(viii) Changing Ecological and Demographic Profiles of the Tea Gardens in the Kurseong Subdivision, Darjeeling District. Co-ordinated by Dr. Mamata Desai and financed by Department of Higher Education, Government of West Bengal

(ix) 'Oral Testimonies on Subhas Chandra Bose from the INA activists' coordinated by Dr. Ramkrishna Chattopadhyay (Funded by Indian Council of Historical Research, New Delhi). Project has been completed and the volume is in press

(x) 'Orality and Marginality in Post-colonial Calcutta' co-ordinated by Dr.Ramkrishna Chattopadhyay and Dr. Satyajit Dasgupta (Funded by SEPHIS and in collaboration with Paschim Banga Itihas Sansad). Project has been completed and the volume is in press.

(xi) 'Labour - Capital Relations in South and South-East Asia: A Comparative Study' coordinated by Dr. Ramkrishna Chattopadhyay. Project completed and the volume is in press.

(xii) 'Linguistic and Cultural Heritage of North Bengal' funded by Department of Higher Education Government of West Bengal and coordinated by Dr. Ramkrishna Chattopadhyay.

(xiii) A collaborative project on 'Women in Calcutta Slums' with Kolkata Socio-cultural Research Institute, Kolkata, funded by Department of Higher Education, Government of West Bengal.

(xiv) 'Higher Education in SAARC countries: Trends and Patterns' coordinated by Professor Asish Guha, funded by the Government of West Bengal.

(xv) 'Causes of High Drop-out Rates in Bankura and South 24 Parganas, sponsored by DPEP, West Bengal and Co-ordinated by Ashis Guha.

(xvi) 'Study of Grade Repetition in Three districts of West Bengal', sponsored by Paschim Banga Rajya Prarambhik Siksha Unnayan Sanstha, West Bengal and co-ordinated by Professor Ashis Guha.

III. Seminars/Workshops organised by the Institute:

1) Prof. Bela Dutta Gupta, former Chairperson, West Bengal Women's Commission spoke on 'Women's Empowerment Year' on 22nd April 2002.

2) A workshop on 'Japanese Politics, Society and Economy: Historical Perspectives' on 27th April 2002. Hon'ble Consulate General of Japan inaugurated the workshop and

Hon'ble MIC, Higher Education, Government of West Bengal, Professor S. S. Chakraborty presided over the inaugural session.

3) Dr. Vina Majumdar, Chairperson, Centre for Women's Development Studies, New Delhi, delivered a lecture on 'Early Days: The Women's Studies Movement in the 1970s and early 1980s' on 29th April 2002.

4) Prof. Prabhat Patnaik, JNU, Delhi, spoke on 'Globalisation on the Indian Economy' on 12th June 2002.

5) A seminar on 'Relations of Social Sciences and Humanities to Development Studies' organised in collaboration with Department of History, Calcutta University and IDSK, Kolkata on 28.08.2002

6) Annual Sarat Bose Memorial Lecture was delivered by Prof. Vina Majumdar, Chairperson, Centre for Women's Development Studies, New Delhi, (Presided by Prof. Satyasadhan Chakrabarti, Hon'ble Minister-in-Charge, Higher Education, Government of West Bengal) on September 6, 2002.

7) Workshop on preparation of 'Study Materials on South Asian Studies for SAARC Countries' in collaboration with Netaji Subhas Open University, on 17th January 2003

8) Netaji Birthday Celebration on 23 January 2003, His Excellency Shri Viren J. Shah, the Governor of West Bengal, inaugurated the Celebration and The Annual Netaji Lecture was delivered on this occasion by Professor Amiya Kumar Bagchi, Director, IDSK and Member of State Planning Board, Government of West Bengal.

IV. Important Recent Publications of the Institute.

(i) *Asian Studies* (Institute's biannual journal).

(ii) *NIAS UPDATE* (Annual Newsletter of the Institute) Jan 2002.

(iii) *Interpreting A Nation: Selections from Sarat Chandra Bose's THE NATION* (compiled and edited by Anjan Bera)

(iv) *Netaji Subhas Chandra Bose: Selected Bibliography* (compiled by Tapas Das)

(v) *Communalism Condemned: Gujarat Genocide, 2002* (compiled and edited by Prof. Basudeb Chattopadhyay, Prof. Ashish Ranjan Guha and Dr. Ramkrishna Chatterjee)

(vi) *Opening the Closed Windows* (compiled by Prof. Chitra Ghosh, Ms. Soma Ray and Ms. Chandni Chande), 2002.

(vii) *Nazrul: Satabarsher Sradhyargya* (in Bengali), published in collaboration with West Bengal College and University Teachers' Association.

V. Publications by Faculty members :

(i) Dr. Suranjan Das:

(a) 'Globalisation, Good Governance and Human Security: The Indian Experience' in P. R.

Chari and Sonika Gupta (eds.) *Human Security in South Asia: Gender, Energy, Migration and Globalisation* (2003)

(b) 'Entangled Isolation: Construction and Articulation of Naga Ethnicity in Indian Politics' to be published in a volume on *Spaces, Territories and Identity in South Africa and India* (Paris – X University)

(c) 'Documenting a turning point in the history of West Bengal: the Food Movement of 1959' jointly edited with Dr. Premagshu Bandopadhyay (in press).

(ii) Dr. Mamata Desai:

(a) Impact of Urbanisation in the Himalayas Emergence and Issues Communicated for publication to the Centre for Himalayan Studies, North Bengal University.

(b) Landslide Hazards in the Darjeeling Hill Areas – Probable Causes and Mitigation Measures. Published in the 'Asian Studies' Vol. XX No. 2

(c) Environmental Impact of Large Dams – Communicated for publication in the forth coming edited book on 'Dying Earth' from NIAS.

(iii) Dr. Ramkrishna Chattopadhyay:

(a) Edited a volume on 'Condemned Communalism: Gujarat Genocide', 2002.

(b) Jointly edited 'History of West Bengal College and University Teachers' Association', 2002.

(c) Jointly edited 'Diaspora of South and South-East Asia' (in press).

(d) Edited Indian History Congress Proceedings, Bhopal Session, 2001.

(e) 'Chinese Community in Calcutta: Early settlement and migration" in Madhavi Thampi ed., *India and China in the era of Colonialism and Imperialism* (Forthcoming).

(f) Monograph on *Perspective of Labour Laws in Colonial Plantation System in India* (in press).

(g) Article on 'Modes of Labour Control in Tea Plantation in Colonial Assam' in *Asian Studies* Vol. XX, No. 1

VI. The Library :

With the financial help from the Government of West Bengal the Institute has been able to enrich its collection on Indian national movement, post-colonial developments in South Asia and Asian relations. A scheme has been undertaken to revive the Newspaper Clippings section of the Library. The books in Library have also been cataloged, both author-wise and subject-wise.

VII. Seminars/Workshops attended by Faculty members :

(i) Dr. Suranjan Das:

1. Presented a paper on 'Human Security and Globalisation in South Asia', Mershon Centre, Ohio State University, USA, November 2002.

2. Presented a paper on 'Globalisation and India', University of Kentucky, USA, November 2002.
3. Delivered Keynote Address in the annual national seminar in Department of History, Jadavpur University, March 2003.

(ii) Dr. Mamata Desai:

1. Urbanisation in the Human Ecological Perspective – April 2002 organised by the Asiatic Society, Kolkata
2. Regional Workshop on 'Proposed Dams in North Bengal and North East India, April 2002.
3. Policy Dialogue on Dams and Development – Organised by the Centre for Development and Environment, IIM, Joka, July 2002.
4. National Seminar on 'Geography and Applied Cartography' December 2002, organised by NATMO, Kolkata.
5. Workshop on 'Sunderbans Fisheries' organised by the Sunderban Development Board, Department of Sunderban Affairs, Government of West Bengal, December 2002, Kolkata.
6. International Seminar on 'Local Governance in India & China' organised by the Institute of Social Sciences, Eastern Regional Centre, January 2003, Kolkata
7. Workshop on 'Problems of Ecology in South Asia' organised by the NSOU, January 2003, Kolkata.
8. International conference on 'National and Regional Atlases' organised by NATMO in collaboration with CNRA & ICA, February 2003, Kolkata.
9. Teleconference on W. A. Shutkin's book on 'The Land that could be: Environmentalism and Democracy in the Twenty First Century' organised by American Information Resource Centre, The American Centre, February 2003, Kolkata.
10. 'Remote Sensing & GIS an Integrated Approach towards Environmental Conservation', organised by Indian Society of Remote Sensing, March 2003, Kolkata.

(iii) Dr. Ramkrishna Chattopadhyay:

1. Presented a paper in an International Seminar on Labour History, Indian Association of labour Historians & V. V. Giri Insitute of Labour, Noida.
2. Presented paper in North-East History Association Conference, Agartala, 2002.
3. Presented a paper in Indian History Congress, 63rd Session at Guru Nanak Dev University, Amritsar, December 2002.
4. Presented a paper in a national seminar on 'Japanese Politics, Society and Economy: Historical Perspectives' on 27th April 2002.

5. Presented a paper in a national workshop on 'Preparation of Study Materials on South Asian Studies for SAARC Countries' (held in collaboration with Netaji Subhas Open University, on 17th January 2003.
6. Resource person in the Refresher Course in History, North Bengal University, 2003.
7. Resource person in the Refresher Course in History, Jadavpur University, 2003

NETAJI MUSEUM AND CENTRE FOR STUDIES IN HIMALAYAN LANGUAGES, SOCIETY AND CULTURE

The Institute has been entrusted with the task of setting up the above Museum and Centre at Giddha Pahar, Kurseong. The house of late Sarat Chandra Bose at Giddha Pahar, which had been acquired by the State Government, was thoroughly renovated by the PWD and at a function held on 15 December 2000. The SDO, Kurseong, handed over the building to Professor Suranjan Das, Director of Netaji Institute For Asian Studies, in the presence of Prof. Satyasadhan Chakraborty, Hon'ble Minister-in-Charge, Department of Higher Education, Government of West Bengal, and Shri Hirak Ghosh, Principal Secretary, Government of West Bengal, Higher Education Department. A permanent exhibition on Netaji Subhas Chandra Bose and Sarat Chandra Bose and activities of Azad Hind Fauz has been set up in the Museum. The personal effect of Netaji and Sarat Chandra Bose and the furniture used by them are also on display. With the help of a grant of Rs. 25 lakhs from Prof. Bharati Roy's MP LAD fund a Director's Quarter and a Guest House for visiting scholars who will be working at the Institute have been constructed.

A Quiz Contest on 'Netaji and the INA' for local school children was held at the Centre on 18th May 2002. Children from 37 schools participated. On this occasion a seminar on the INA's role in the Indian Freedom Movement was also held which was addressed by a number of eminent scholars participated. On 23rd January 2003 Netaji Birthday was celebrated at the Centre. The SDO hoisted the national flag on this occasion.

9.5 NATIONAL CADET CORPS (NCC)

9.5.1 NCC : AN INSTITUTION

1. The National Cadet Corps (NCC) has its genesis in the University Corps, which was created under the Indian Defence Act, 1917 with the object to make up the shortages of the Army. In 1920, when the Indian Territorial Act was passed, the "University Corps" was replaced by the "University Training Corps (UTC)". In 1942, the UTC was renamed as the University Officers Training Corps (UOTC). The national leaders realized the need to create a youth organisation at the national level to train the young boys and girls to be better citizens and future leaders of the country in all walks of life, including defence forces. A Committee under Pandit H.N. Kunzru was set up in 1946 at the behest of Prime Minister Pandit Jawaharlal Nehru.

2. Following the recommendations of the Committee, the NCC came into existence on 16th July, 1948 under the NCC Act XXI of 1948 under the Ministry of Defence (MOD). The Mahajani Committee constituted by the Govt. revised the Aims of the NCC in Jan 1974 as under :-

   (a) To develop qualities of character, comradeship, discipline, leadership, secular out look, sprit of adventure and sportsmanship and ideals of selfless service among the youth to make them useful citizens.

   (b) To create human resource of organised, trained and motivated youth to provide leadership in all walk of life including armed forced and always be available for the service of the nation.

9.5.2 GROWTH OF NCC

The Corps started in a small way with a target of 32,000 SD and 1,35,000 JD Cadets. Today, its sanctioned strength stands at 4.33 lakhs for SD and 7.30 lakhs for JD Cadets. While this figure by itself is quite substantial, the NCC covers only 3.8% of the eligible student population of our country. The network of 754 NCC Units comprises 4,500 colleges and 6,500 schools.

In the State of West Bengal the enrolled strength has risen from 20,000 cadets in 1948 to 93455 cadets in 2001.

In 1949, the Girls' Division was established in order to give equal opportunity to the girl students of the nation as well. The NCC was given an inter-service image in 1950 when the Air Wing was introduced, followed by the Naval Wing in 1952.

9.5.3 INDUCTION OF STUDENTS IN NCC

The induction into the NCC is on voluntary basis. Students, both boys and girls, can join at the age of 13 years in the Junior Division (JD) / Junior Wings (JW), from Class VIII to X and in the Senior Division (SD)/ Senior Wing (SW) from Class XI onwards. However, one point is to be noted here that NCC units are not compulsorily available in all schools and colleges; hence students from institutions where no NCC unit exists will need to enroll in the so-called 'Open Units' if they want to join NCC.

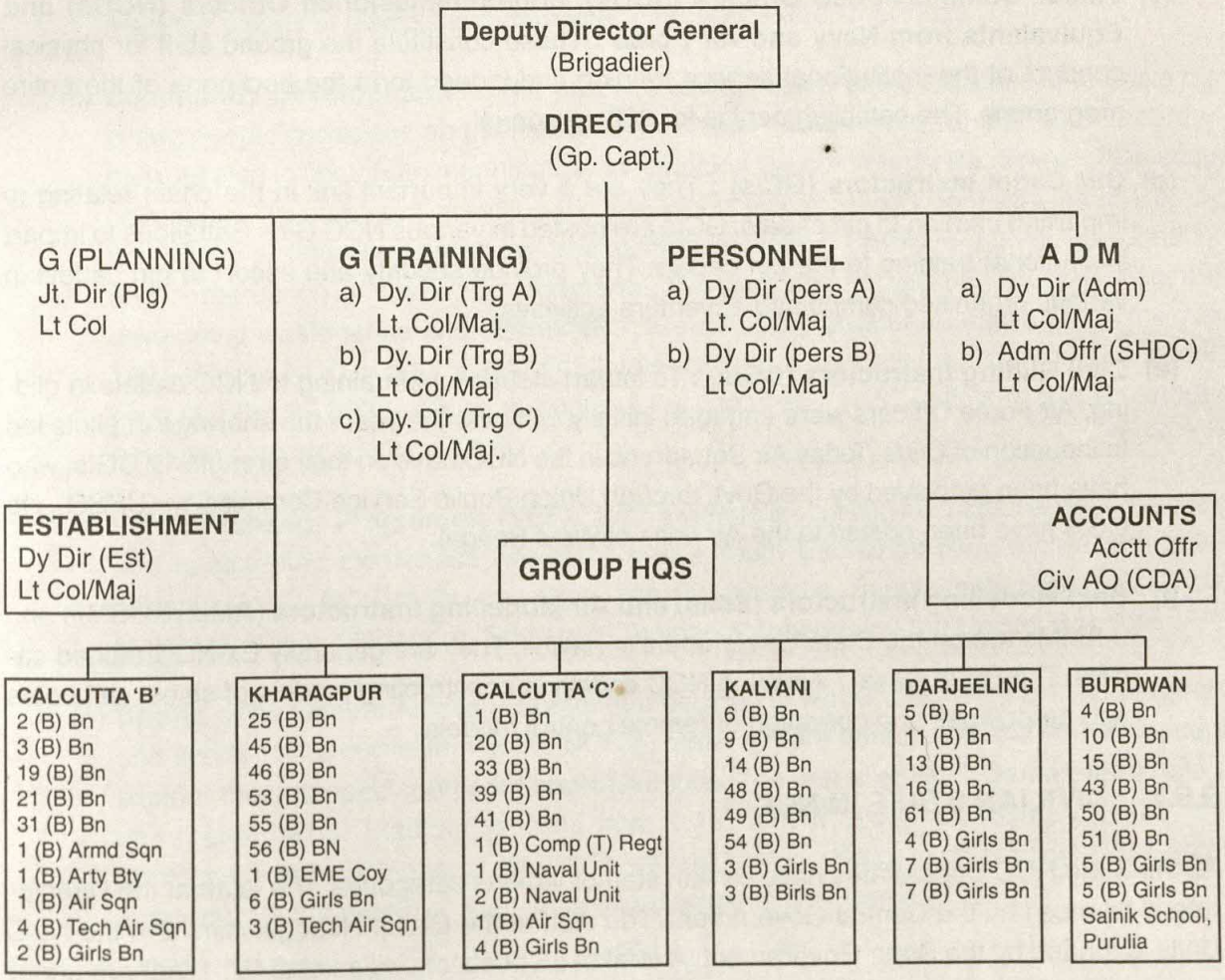
9.5.4 ADMINISTRATION OF NCC

The NCC organisation is administered through the Ministry of Defence. It is headed by a Director General, an army officer of the rank of Lieutenant General. 16 Directorates of the organisation cover all the States and Union Territories. These Directorates are headed by an officer of the rank of Brigadier or equivalent from other two services. Each of the State NCC Directorate controls two to fourteen Group Headquarters, headed by an officer of the rank of Colonel or its equivalent. In

all, there are 91 Group Headquarters in the country, which exercise control over a network of 658 Army Wing Units (including Technical and Girls' Units), 58 Naval Units and 58 Air Squadrons. The NCC Unit is commanded by a Major / Lt Col or equivalent officer of other services. In addition, the NCC has two training establishments-Officers' Training School (OTS), Kamptee (near Nagpur) and Women Officers' Training School (WOTS), Gwalior where professors and teachers from colleges and schools are specially trained to impart training to the cadets as Associate NCC Officers (ANOs) in order to impart training and guidance to the NCC cadets.

9.5.5 ORGANISATION OF NCC IN THE STATE OF WEST BENGAL

Headquartered at New Alipore (Kolkata), the NCC Directorate of West Bengal & Sikkim comprises 6 NCC Group Headquarters and 52 NCC Battalions (i.e.Units) providing NCC coverage in 7 Universities, 192 Colleges, 565 Schools spread across 23 districts in the States of West Bengal and Sikkim with an authorised cadet strength of 93,735. The organisation is as under :



9.5.6 TRAINING STAFF STRUCTURE IN WEST BENGAL

In West Bengal the training in the NCC is conducted through a three tier system as follows :-

First tier :

(a) **Regular Officers :** In the first tier are the 124 regular officers from the Army, Navy and Air Force..They provide overall guidance and supervision for the conduct of the training.

Second tier :

(b) **Associate NCC Officers (ANOs) :** In the second tier, there are 882 ANOs from colleges and from schools who are lecturers / professors / teachers, both male and female. They form a very important part in the conduct of the training and allied activities in relation to the students enrolled as cadets in their respective institutions.

Third tier :

(c) **Junior Commissioned Officers (JCOs), non-commissioned Officers (NCOs) and Equivalents from Navy and Air Force :** These constitute the ground staff for physical conduct of the institutional service training and indeed form the backbone of the entire programme. The establishment is for 900 personnel.

(d) **Girl Cadet Instructors (GCIs) :** They are a very important link in the chain relating to imparting training to girl cadets. GCIs are posted in various NCC Girls Battalions to impart institutional training to the girl cadets. They provide security and escort to girl cadets in various organised camps and adventure activities.

(e) **Civil Gliding Instructors (CGIs) :** To impart instructional training to NCC cadets in gliding, Air Force Officers were engaged initially, but over the years the shortage of pilots led to induction of CGIs. Today Air Squadrons in the NCC have on their strength 17 CGIs, who have been employed by the Govt. through Union Public Service Commission (UPSC). No CGIs have been posted in the Air units of West Bengal.

(f) **Ship Modelling Instructors (SMIs) and Air Modelling Instructors (AMIs) :** 2 SMIs and 2 AMMs are on the State Government's payroll. They are generally Ex-NCC trained cadets. They train Naval / Air Wing NCC cadets in constructing models of ships, sail boats and aeroplanes and operation of remote control models.

9.5.7 CIVILIAN STAFF IN NCC

All the State NCC Directorates have civilian staff of various categories. The staff at the Directorate is financed by the Central Government. The staff at the Group Headquarters and the NCC Units is funded by the State Government. A total of 55 posts of civilian staff (51 filled) are under

the Central Government and 1137 posts (849 filled) under the State Government.

9.5.8 NCC ACTIVITIES IN THE STATE AND THEIR FUNDING

From drill and weapons training in the beginning, the spectrum of NCC activities has expanded considerably. These can be broadly divided into five distinct categories, namely, Institutional Training, Community Development, Youth Exchange Programme, Sports and Adventure Training.

(b) **Institutional Training :** Drill, shooting, physical fitness, map reading, first aid, gliding / powered flying, boat pulling, sailing and camp training form part of Institutional Training. Camp Training constitutes the most important part of NCC Training. In camps, young cadets get the thrill and joy of outdoor and community living. All India camps such as National Integration, Leadership, Nau Sainik, Vayu Sainik, Army Attachment, Republic Day and Independence Day Camps, in which cadets from all parts of the country work together, contribute greatly towards promoting national integration.

Institutional training also covers basic military training in the Army, Navy or Air Force subjects. The aim of this training is to expose the youth to a regimental way of life to inculcate in them the values of discipline, personality, orderliness and smartness.

(c) **Community Development** : The purpose of organising these activities is to make our young people conscious and sensitive to the needs and problems of their fellow country-men, as also to contribute meaningfully to enriching the community life. Some of the major community development activities include Flood Relief, blood donation, adult literacy, anti-dowry, anti-leprosy, anti-drug, tree plantation, work in Cheshire homes, eye donation and construction of roads. Environmental Programmes, especially in connection with developing waste lands and afforestation are receiving greater attention. Since the year 1991-92, the NCC cadets planted 45 lakhs saplings throughout the country. Our cadets have planted 42,552 saplings throughout the State. 967 NCC cadets of this Directorate have donated blood since 1996.

(d) **Youth Exchange Programme (YEP) :** With a view to increasing international understanding and heightening awareness, the NCC has a Youth Exchange Programme with Youth Organisations / NCC of ten countries, namely, Australia, Bangladesh, Bhutan, Canada, Maldives, Nepal, Singapore, Sri Lanka, Trinidad & Tobago and the United Kingdom.

(e) **Sports :** The Central Advisory Committee decided in November, 1996 to include games and sports in the curriculum of the NCC to make it more attractive to the students and to explore the untapped source for sports persons. The first ever NCC Games were held at Jawaharlal Nehru Stadium in Delhi from 9-15 August 1997, coinciding with the 50th anniversary of India's independence. This event has now become an annual feature and is conducted in the month of August as Independence Day Camp (IDC).

(f) **Adventure Training :** Adventure activities are organised to develop special qualities of courage, leadership, spirit of adventure and sportsmanship, spirit of comaraderie, team work and self confidence among the cadets. Some of the activities are Trekking, Rock Climbing, Mountaineering, Para Jumping, Scuba Diving, Water Skiing, Sailing, Kayaking, Yachting, Hang Gliding, Para Sailing, Glider and Microlight Flying, Slithering and Cycle/ Motorcycle Expeditions. The NCC has conducted 2 Mountaineering and 10 trekking expeditions. 652(boys and girls) cadets have taken part in mountaineering expeditions and 2 girl cadets in trekking from the State of West Bengal.

The NCC activities receive their budgetary support from the sources as under: -

(a) **Ministry of Defence, GOI :** It allocates budget to cover pay and allowances of the entire staff of Directorate General NCC and State's NCC Directorates, unit equipment of all the NCC units, ammunitions for the small arms given to the NCC, clothing and uniform items for the cadets, all major equipment to support adventure activities such as gliders, trekking and mountaineering kits, horses, boats etc. 50% expenditure of all camps and pay and allowances of civilian staff of Dte Gen NCC and State NCC Dtes.

(b) State Governments : They give support to cover pay and allowances of civilian staff employed in Group Headquarter and units, the cost of training and allowances of ANOs, washing and polishing allowances, recurring running expenditure by way of fuel, rental for buildings occupied by Group Headquarters and the NCC Units etc. and camp expenditure upto 50%.

9.5.9 MAIN EVENTS OF THE NCC

(a) **NCC Day : It is celebrated on the 4th Sunday of the month of November every year. Events like wreath laying** ceremony at Amar Jawan Jyoti, India Gate, NCC Lecture on a current subject and adventure expeditions are organised. In the State, a rally is conducted featuring march past, cultural activities, aeromodelling, para-sailing etc.

(b) **Republic Day Camp (RDC) :** This 25-day long Camp is held every year in the month of January from the 5th January at the Garrison Parade Ground, Delhi Cantonment. All the 16 NCC Directorates with about 1,700 cadets from all over the country and some cadets from abroad (i.e. from the Youth Exchange Programme Countries) participate. Pre-RDC activities are carried out for 4 to 6 weeks in Kolkata for selection and training.

(c) **Independence Day Camp (IDC) :** Subsequent to the inclusion of sports in the curriculum of the NCC, IDC is held every year at the national level in the month of August. Sports persons from all the 16 NCC Directorates participate. The maiden NCC Games (IDC) were held from 6-15 August, 1997, and it has now become a regular annual feature. The Cadets of West Bengal have been performing extremely well in the NCC Games and have won many laurels.

9.5.10 CONCLUDING NOTE

There is a lot of scope for development in and through NCC in our State. NCC will shortly shift hands and go under the purview of the Home (Civil Defence) Department in West Bengal, but it gives us pleasure to mention that our long involvement with the NCC has been cherishable.

At present there are effectively three offices responsible for the over-all control and flourishment of NCC in our State : (a) NCC Directorate Headquarter at New Alipore (Kolkata), (b) Higher Education Secretariat at Bikash Bhavan (5th & 6th floors), and (c) Higher Education Directorate at Bikash Bhavan (8th floor). It has been our observation that the more well-coordinated the activities of these three offices are, the brighter and greater becomes the outcome. Sincerity of purpose and devotion to work have proved to be the key elements to achieve any pre-set target.

Well-trained cadets of NCC, possessing NCC 'B' and/or 'C' Certificate/s and having the experience of attending several state-level and/or national-level NCC camps, are indeed a group of valuable and disciplined citizens which any state of the country can be proud to have. This priceless human resource must never be allowed to go waste. Such cadets, who also fulfill other entry-criteria, should be given adequate priority in case of employment and other opportunities; this will surely work wonders in the forward march of our State.

In the national arena our NCC Directorate has been ranking only moderately in recent years – its position generally varies from 8th to 11th among the 16 NCC Directorates of the country. The time has come when all involved must start thinking seriously on the possible ways and means of improving our performance and then act accordingly. We would be happy to share our experience and knowledge with the Home (Civil Defence) Department of West Bengal and wish them all success with the NCC in the days ahead.

9.6 NATIONAL SERVICE SCHEME (N. S. S.)

The overall aim of National Service Scheme (NSS) is to give an extension dimension to the higher education system and orient the student youth to community service while they are studying in educational institution. The reason for the formulation of this objective is the general realisation that the college and 42 level students have a tendency to get alienated from the village/slum masses which constitute the majority of the population of the country. With this objective in view the NSS was started in West Bengal in 1969 along with other states of India. The scheme of NSS is a centrally sponsored scheme to be organised by the Central Govt. in collaboration with the State Govt. The nodal agency for implementation of the scheme at the State Level is the Higher Education Deptt., Govt. West Bengal. The scheme is organised, at the state level, by the State Liasion Officer (NSS) in the Higher Education Deptt who represents the State Govt. The State Govt. acts through the universities and H.S. Council for organising the NSS activities in colleges and schools. At the university level the Programme Co-ordinator is in charge of the NSS. At the college/school level a Programme Officer is in charge of one NSS unit consisting of 100 NSS volunteers who have to be the students of that college.

The activities of National Service Scheme are divided into two parts - Regular activities and Special camping programme.

Regular activities : Regular activity includes activities like campus cleaning, aforestion, organisation of blood donation camp, organisation of literacy camp, participation in pulse polio programme, organisation of health check-up camp, organisation of seminars on AIDs awarness etc.

The funds for the scheme are provided by the Central and State Govt. at 7:5 ratio. The funds are provided to the colleges and schools through the universities. This year 72 Lakhs have been sanctioned for NSS activities.

At present, the total NSS volunteer strength in West Bengal is 53,000. During 2003-2004 the target for enrolling the NSS volunteers has been fixed at 60,000. Already, some 25 colleges in West Bengal have opened new NSS units. Attempts are being made to open new NSS units in technological colleges.

During 2002-2003 NSS volunteers in West Bengal have done excellent jobs in villages and slums through the regular activity. Special Camping programmes have also been organised in quite a good number of colleges. Our NSS volunteers have participated in National Youth festival in Trivandum in January 2003. They have also organised a rally on 1st December, 2002 on the occasion of National AIDs DAY for creating awareness about the menace of AIDs.

As per statutory requirement NSS State Level Advisory Committee meeting has been held in September 2002. University Level Advisory Committee meetings were also held in Calcutta, Jadavpur, Rabindra Bharati, Burdwan, Viswa Bharati, Vidyasagar and North Bengal University.

The TORC Narendrapur and TOC Kharagpur are regularly organising Training Courses and Refresher Courses for the NSS Programme Officers.

9.7 PASCHIM BANGA HINDI ACADEMY

1, Bankim Chatterjee Street,
(In the Old Building Complex of the Government Sanskrit College)
Kolkata -700 073, Phone: 219-1277

The Paschim Banga Hindi Academy founded in 1990 functions under the administrative control of the Department of Higher Education.

I. AIMS AND OBJECTIVES

The main objective of the Academy is to encourage the study of Hindi language and literature in the State of West Bengal, especially among the non-Hindi speaking people, both the rural and

urban areas. The other objectives of the Academy are :

(1) to encourage and undertake translation of Bengali classics and scholarly works in Bengali on literature, history, science and technology; into Hindi;

(2) to publish Hindi text books for different classes following the syllabi and curricula meant for non-Hindi speaking people;

(3) to undertake and encourage research in Hindi language and literature, etc.

II. STRUCTURE

The academy has a General Council consisting of 61 members, a Governing Body consisting of 23 members. The Governing Body has constituted five sub-committees consisting of 5 members each. The Chief Minister, Government of West Bengal and the Minister-in-Charge of Higher Education Department, Government of West Bengal are the Chairman and the Vice-Chairman respectively of the Paschim Banga Hindi Academy.

III. ACTIVITIES :

The main activities of the Paschim Banga Hindi Academy during the past one year (2002-2003) may be summed up as follows :

A. SEMINARS AND EXTENSION LECTURERS :

Following Seminars and Extension Lecturers were Organised by the Paschim Banga Hindi Academy in the year 2002-2003.

1. 'Indian Renaissance' on 4th and 5th May, 2002.
2. 'Stories in the Age of the Television' on 21st July, 2002.
3. 'Challenges of Hindi Stories in the age of the Television' on 4th August, 2002.
4. 'Challenges to Globalisation and Globalised medium' on 13th November, 2002.
5. 'Gujrat and our Duty' on 16th Nov., 2002.
6. 'Globalisation and Culture' on 23rd November, 2002.
7. 'Challenges to progressive Literary Movement on 30th November, 2002.

B. PUBLICATION :

Vols. X & XI of the Journal of the Academy entitled Dhumketu will be published shortly.

9.8 WEST BENGAL DISTRICT GAZETTEERS

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India scheme of revision of gazetteers, which were compiled and published during the British rule. It is a small organisation consisting at present of the State Editor, a Deputy State Editor, an Assistant Editor, two Research Officers, one Research Assistant and other supporting staff. It is engaged in research, compilation and publication of gazetteers and other allied literature. There is an Advisory Committee consisting of scholars and academicians to advise the State Editor.

I. District Gazetteers : The Gazetteers in respect of all the districts except Medinipur have been revised and published. The compilation of the gazetteer of Medinipur district, both in English and Bengali, is in progress. Some of the gazetteers have gone out of print.

II. State Gazetteer : A scheme has been under consideration to compile Gazetteers for West Bengal. The first volume of the series, "A Summary of the Changes in the Jurisdiction of Districts in Bengal", (initially compiled by the late Monmohan Chakraborty in 1916 for official use only) has been published in 1999, having been revised and updated, incorporating the changes which have occurred up to 1998. It contains district-level multi-coloured maps showing the changes, some important documents and rare articles by eminent scholars of the time. Another, Series, namely, "Rivers of Bengal in five volumes have been planned, three volumes of which have already been published. The remaining volumes are in the press.

III. Reprint of old Gazetteers and allied literature:

Under this scheme the following books had been reprinted: -

1. Annals of Rural Bengal by W. W. Hunter;
2. A Statistical Account of Bengal by W. W. Hunter – separate volumes for the districts of Midnapore, Hugly & Howrah, 24-Parganas, Birbhum and the Sunderbans have already been published.
3. Bengal District Gazetteers of the districts of Bankura, Birbhum, Burdwan, Murshidabad, 24-Parganas, Midnapore, Nadia Santal Parganas and Darjeeling.

The following titles have been added in 2002.

1.	Rivers	of	Bengal	Volume I
2.	"	"	"	Volume II part II (maps only)
3.	"	"	"	Volume III

This scheme has become very popular with the reading public and has earned this organisation high appreciation from the scholars and academicians.

The following books are in the press, which may be published within a short period :

1) Sannyasis, Fakirs and Maghs by J. M. Ghosh;

2) Revenue History of the Sunderbans (1765-1920) by Pargiter and Ascoli;

3) Report on Indigo Commission;

4) Rivers of Bengal, Vol. IV and

5) Rivers of Bengal, Vol. V.

IV. Financial Aspects: - The following Table shows the financial performance of this office since 1997-98 :

Year	Budget allotment (Rs. In lakhs)	Provision	Amount allotted (Rs. In lakhs)	Expenditure (Rs. in lakhs)
1997-98	4,00,000 5,00,000	8th plan committed 9th plan		5,38,935 3,98,316
1998-99	4,00,000 5,00,000	8th plan committed 9th plan		7,00,000
1999-2000	4,00,000 10,00,000 1.00 (N.P.-027)	8th plan committed 9th plan	6.80 (N.P.-027)	6.80
2000-2001	7,00,000 2,00,000	9th plan 8th plan committed (N.P.-027)	6,81,599/- Not allotted	6,81,599/- Nil
2001-2002	8,00,000 4,41,000 2,10,000	9th Plan 8th plan committed (N.P.-027)	4,40,000 Nil Nil	Nil Nil Nil
2002-2003	5,00,000 12,94,000	9th/10th plan (N.P.-027)	4,40,000 2,47,556	4,40,000 2,47,556

BOOK SOLD IN 2002-2003

A)	West Bengal District Gazetteers	24-Parganas Bardhaman	18 copies 5 copies
B)	Bengal District Gazetteers (Reprint)	Bankura Midnapore Birbhum Burdwan Murshidabad 24-Parganas Santal Parganas Darjeeling Nadia	19 copies 31 copies 24 copies 21 copies 14 copies 25 copies 30 copies 12 copies 18 copies
C)	Statistical Account of Bengal (Reprint)	Midnapore Hooghly & Howrah Sundarbans 24-Parganas Birbhum	25 copies 19 copies 27 copies 21 copies 24 copies
D)	Other Publications	Annals of Rural Bengal A Summary of the changes Rivers of Bengal Vol.I Rivers of Bengal Vol.II Rivers of Bengal Vol.III	69 copies 16 copies 63 copies 77 copies 65 copies
E)	Revenue earned during the financial year (01-04-02 to 31-03-03)	...	Rs. 1,76,250.00
	Total Sales of Books during 1995-2003 (upto 28th February,2002)	...	Rs.10,54,845.00 (including W.B.G.Press)
	Total No. of Books sold so far since 1995 from this office	...	7268 copies
	No. titles available at present	...	21

9.9 WEST BENGAL STATE ARCHIVES

43, Shakespeare Sarani, Kolkata -700017
6, Bhowani Dutta Lane, Kolkata -700073.
Writers Buildings, Block II, Ground Floor, Kolkata -700001.
Telephone: 241-3966.

The West Bengal State Archives, a wing of the Department of Higher Education serves as the repository of non-current records of enduring value of all record creating agencies of the State Government. While Record Management is the primary concern of the State Archives, it also

plays a significant role as an institution of higher learning and research. The organization functions through three sections located at three different places. These are 1) The Current Section at Writers' Buildings, 2) The Historical Section at 6, Bhowani Dutta Lane, Calcutta-700073, 3) a functional building at 43, Shakespeare Sarani, Calcutta

ORGANISATIONAL STRUCTURE

The Director, West Bengal State Archives is the administrative head of the office. He is assisted by one Deputy Director, 2 Assistant Directors, 2 Chief Archivists, 6 Archivists, 14 Assistant Archivists, one Micro-photographer and other supporting staff.

Activities during the year 2002-2003.

(1) New Acquisition of records -108 volumes of Legislative Assembly Proceedings -official Reports (November 1974- July 2000) have been accessed. About 25000 Records of the Public Works Department (1859-1970) have recently been received. Khan Family Papers of Mankundu, Hooghly have been acquired.

(2) Photo Archives

Work on Photo Archives has begun and arrangements have been made to display Photographs & intercepted letters.

(3) Inspection of libraries

The State Archives inspected the following libraries which had applied for Central.
Financial Assistance for preservation of old books & manuscripts scheme :-

(i) Bidhan Chandra Granthagar, Mahajati Sadan, Kolkata.

(ii) Sanskrit Sahitya Parishad, Kolkata.

(iii) Central Library, Jadavpur University.

(4) Survey of records

(i) Survey of South 24 Parganas District Collectorate, Alipore, has been conducted by State Archives for identification of old valuable records lying in their custody.

(ii) Inspection of Calcutta Museum, Town Hall, was conducted for advising on 'preservation of library materials at their custody.

(5) Training on Conservation

Three months training on conservation was imparted to two nominees from Calcutta Journalists' club and Taltala Public Library.

(6) Participation in work shop at Victoria Memorial Hall.

State Archives participated in a seminar cum workshop on 'Conservation of art work on paper and oil painting' at Victoria Memorial Hall, Kolkata from 28th January to Ist February, 2003.

(7) Collaborative work

(i) A biography on life and times of Bhupendra Nath Bose has been published by Bhupendranath Bose Memorial Committee with professional assistance from State Archives.

(ii) A project on comprehensive history of the Anusilan Samiti has been undertaken in collaboration with Anusilan Samiti Centenary Celebration Committee.

(8) Publication Programme

(i) Materials for the proposed journal 'State Archives Review' have been prepared.

(ii) Preparatory works for the Publication under the Central Assistance Scheme has been completed.

Miscellaneous

Shri Nemai Mal, Hon'ble Minister-in-Charge of Library Services, Govt. of West Bengal visited State Archives in September, 2002.

Deputy High Commissioner, Bangladesh also visited State Archives in October, 2002.

Dr. P. K. Chatterjee, Director of State Archives has been selected as a member of the Standing Committee of Indian Historical Records Commission and attended its meeting in New Delhi in February, 2002.

A paper 'Board of Revenue -a unique collection of West Bengal State Archives' written by the Director of State Archives has been accepted for the 58th session of Indian Historical Records Commission.

9.10 WEST BENGAL STATE BOOK BOARD

6A, Raja Subodh Mallick Square (8th Floor),
Kolkata-700013.
Telephone: 236-7854
Sales Counter : - 1, Bankim Chatterjee Street (Ground Floor of Sanskrit Collegiate School Premises), Kolkata - 700 073.

Pursuant to the recommendation of the Kothari Commission on 'Media Transfer' to implement the programme of switching over to regional languages as the medium of instruction at the level of Higher Education, Book Boards were formed in different States in the country. Accordingly, in the

year 1970 the West Bengal State Foundation for Text Book Production later renamed in 1972 as the West Bengal State Book Board was formed and was formed and registered under the West Bengal Societies Registration Act.

The authority of general superintendence, direction and control of the Society is vested in the Board of Governors of the West Bengal State Book Board. The Minister-in-Charge of Higher Education West Bengal is the ex-officio Chairman of the Governing Body of the Board. The Principal Secretary, Department of Higher Education is the Vice-Chairman and the Chief Executive Officer, a State Government Officer, is the Member-Secretary of the Board.

The cost of running the Board is borne by the Department of Higher Education of the Government of West Bengal. The Government of India also provides assistance for the publication of text books from time to time.

The number of publications of the Board has been on the increase. It rose from 643 in 1995-96 to 662 in 1996-97, 673 in 1997-98, 691 in 1998-1999, 716 in 1999-2000 and 783 (up to January, 2003).

The Board mainly publishes text books for the use at the undergraduate and postgraduate levels of studies. The publications also cover terminology, dictionaries and monographs in science for students and general readers.

The academic disciplines in which the Board has so far published books are as follows :

(1) Agriculture, (2) Botany, (3) Chemistry, (4) Commerce, (5) Computer Science, (6) Defence Studies, (7) Economics, (8) Engineering and Technology, (9) Environmental Studies, (10) Geography, (11) Geology, (12) History, (13) Journalism, (14) Law, (15) Literature, (16) Library Science, (17) Mathematics, (18) Music, (19) Office Management & Office Administration, (20) Physics, (21) Physiology and Medical Science, (22) Psychology, (23) Popular Science, (24) Philosophy, (25) Political Science, (26) Sanskrit, (27) Sociology and Human Studies, (28) Statistics, (29) Teachers' Training and (30) Zoology and (31) Physical Education.

Thirty seven books are now under the process of printing and will shortly be published by the Board.

Besides these books Braille editions of two books for the use of visually impired learners also appear in the list of publications of the Board.

The Board is engaged in the preparation of text books in the following subjects, some of which have of late been introduced in colleges : (1) Tourism & Travel Management, (2) Industrial Fish & Fisheries, (3) Sericulture, (4) Sales Promotion & Sales Management.

The Board participated in the Book Fairs in different places both within and outside the State.

The stone laying function of the Board's own house at Bidhannagar was performed in the financial year 2000-2001. The inauguration ceremony was celebrated as the construction of the 4th floor of the building was fit for use.

The arrangement was taken so that the construction work of rest of the floors of the building and other works shall be done within the scheduled time in March 2003.

9.11 WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

The West Bengal State Council of Higher Education, established under West Bengal State Council of Higher Education Act 1994 (Act XXXVII of 1994) started functioning in April 1995.The office of the Council is located at 147 A Rash Behari Avenue, Calcutta 700029, in a building owned by the Higher Education Department. The functions of the Council, as stipulated in the Act are stated below :

(a) Planning and co-ordination in the area of higher education in the State including co-operation with the U. G. C.

(b) Academic functions, e.g. curriculum development, teachers' training and encouragement of sports, games and extension activities.

(c) Advisory functions in determining the basis and the amount of block maintenance grants, linking research with educational institutions and industry , framing and amendment of university statutes, regulations etc.

(d) Allocation of grants of different universities and colleges and make enquiries regarding utilization thereof.

During the year 2002-2003 the Council has undertaken the following activities :

1. The Council organized a workshop with experts from State Universities to prepare model syllabus for the two-year M.P.Ed. (Master of Physical Education) Course.

2. The Council convened a meeting of Directors of Academic Staff Colleges and Professors-in-charge of Refresher Course Centres operating at different Universities in order to co-ordinate their activities.

3. The Council has been processing applications from affiliated colleges for extension of affiliation in different subjects and courses. As in the previous years, the Council held meetings with Vice-chancellors and other officials of five affiliating State universities to prepare joint recommendations regarding extensions of affiliation.

4. The Council has lent its assistance to Indian Institute of Social Welfare and Business Management in conducting an Orientation Programme for College Principals held at the Institute.

5. The Council has prepared a draft guideline for the establishment and academic and financial management of self-financing degree colleges, which is now under active consideration of higher authorities.

6. The Council has made inspections of a few proposed General degree and B.Ed. colleges and submitted its reports to the appropriate authority. The Council is also negotiating with several other organizing bodies interested in establishing self-financed colleges in W .Bengal.

7. Officers of the Council have participated in programmes conducted at several Universities and colleges for creating awareness about Assessment and Accreditation by National Assessment and Accreditation Council (NAAC).

8. The Member Secretary and Joint Secretary of the Council actively co-operated with the University Grants Commission (Eastern Regional Centre) in conducting face to face meetings with colleges in West Bengal and Orissa for finalisation of developmental assistance by UGC during the Xth Five Year Plan.

9.12 WEST BENGAL COLLEGE SERVICE COMMISSION (WBCSC)

6, Bhawani Dutta Lane (4th floor)
Kolkata – 700 073
Ph.No. 2241-4679, 2241-6675, Fax-2241-4679

The West Bengal College Service Commission came into existence on November 02, 1979 in terms of Act LXII of 1978. The two main functions of the Commission are :

(1) To recommend candidates for appointment to fill up the vacant post of Lecturers and also Principals in affiliated Colleges.

(2) Conduct of SLET Examination as state agency.

The activities of the Commission during the period of 2002-2003 are indicated below.

In response to Adv. no. 1/2001 inviting applications for empanelment of candidates for filling up of the post of lecturers in 34 subject and 643 candidates were recommended for appointment.

Further in adv. no. 2/2001 46 no of candidates was selected and recommended for the appointment in different colleges for the post of principals.

Again in the year 2002 in adv. no. 1/2002 applications were invited for empanelment of lecturers in 34 subjects panels have been prepared the recommendation is being made.

In adv. no. 2/2002 applications were invited for filling up of vacant post of principals in 76 no of colleges and the selection process is going on.

The Commission conducted SLET in 2003 and the results will be published soon.

The Commission is composed of the following Members: -

1.	Prof. Dr. Ajit Kumar Banik,	–	Chairman,
2.	Dr. Dilip Kr. Deb.	–	Member,
3.	Dr. Nandita Basak	–	Member,
4.	Dr. Jyotiprakas Haldar	–	Member,
5.	Prof. Swapan Kr. Chakrabarti	–	Member,

6. Dr. Kanak Moitra, Member, presently one post of member is lying vacant.

There is one post of Secretary to the Commission who is appointed by the State Government.

9.13 DAY STUDENTS' HOMES

The Department of Higher Education runs four Day Students' Homes in the city of Calcutta. All the Homes are headed by a Warden-cum-Secretary, who is assisted by a number of other employees. The major objectives of these Homes are :

(i) To provide library facilities to under-privileged students at Higher Secondary and graduation levels at a Centre where text books and reference books including Journals and newspapers are made available to them;

(ii) To provide reading-room facilities to these students for a period of 12 hours (8.00 A.M. to 8.00 P.M.) on weekdays and 6 hours (8.00 A.M. to 2.00 P.M.) on Saturdays :

(iii) To provide cheap-canteen facilities at a heavily subsidised rate for meals and refreshments on a token payment of 20 paise only per meal.

SOUTH CALCUTTA DAY STUDENTS' HOME

61, Prince Anwar Shah Road, Calcutta-700 033; Phone: 422-5655
Established : 11th July, 1959

Staff Strength	:	28,
Books acquired	:	15,150 Nos, also newspapers and magazines.
Reading Room Space	:	Can accommodate 200 students at any time during 8 a,m, to 8 p.m..
Reading Room Assistance	:	Two attendants, five assistants and one Reading Room-cum-Library Superintendent.
Other programmes	:	Special Tutorial classes for H.S. & B.Com.Students.

DAY STUDENTS' HOME FOR GIRLS

147A, Rashbehari Avenue, Calcutta-700 029; Phone: 464-1194
Established: 1956

Staff Strength	:	28
Staff at present	:	22
No. of Students	:	1200
Home remains open	:	8 a.m. to 8 p.m.
Books acquired	:	23,000 journals, periodicals, magazines and two daily newspapers.
Reading Room Space	:	Sitting arrangement for 150 students at a time.
Other programmes	:	Prize distribution Ceremony – Debate Session – Competition of Recitation, Song & Essay-writing of the Students and also Educational Tour.

ISWARCHANDRA PATHABHAVAN

299, Acharya Prafulla Chandra Road,
Calcutta-700 009; Phone : 350-1438
Established: 1956

Staff Strength	:	28 with 7 post vacant.
Books acquired	:	17,550, also 8 journals & 5 newspapers
Reading Room Space	:	600 students.
Other programmes	:	A study centre (2801) of IGNOU is housed at the building for Saturdays and Sundays; Other programmes conducted are debates, seminars, quiz contest, sports and games and educational tour.

SRI RAMAKRISHNA DAY STUDENTS' HOME

9, Pasupati Bose Lane,
Calcutta –700 003; Phone: 555-3143
Established: 1956

Staff Strength	:	28 with two post vacant.
Books acquired	:	26,597
Reading Room Space	:	350 students
.Other programmes	:	Observance of Foundation Day, Prize distribution to the student members on their examination results.

BAKURA INSTITUTE (DAY STUDENTS' HOME)

Pratapbagan, P.O. Bankura,
Dist. Bakura, Pin-722101,
Phone : 03242-40388
Established : 1998

Staff Strength	:	7 (Seven)
Books acquired	:	1800 and three daily newspapers
Reading Room Space	:	300 students at a time
Other programmes	:	No. of students visiting the Day Students' Home (on average per day) - Boys-60, Girls -15 Opening Hours : 8.00 a.m. to 4.00 p.m.

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS ASSISTED BY THE STATE GOVT.

10.1 Bangiya Bigyan Parishad

10.2 Bankim Bhaban Gabesana Kendra

10.3 Centre for Studies in Social Sciences

10.4 Jagadis Bose National Science Talent Search

10.5 Indian Association for the Cultivation of Science

10.6 Institute of Historical Studies

10.7 Institute of Development Studies

10.8 Paschim Banga Itihas Samsad

10.9 Ramkrishna Mission Institute of Culture

10.10 Socio-Economic Research Institute

10.11 Tamralipta Janaklayan Samity

10.12 Sri Sri Sitaramdas Omkarnath Samskrita Siksha Samsad

10.13 Ramkrishna Mission Ashrama, Narendrapur

10.14 Maulana Abul Kalam Azad Institute of Asian Studies

10.15 Birla Industrial And Technological Museum

10.16 Indian Chemical Society

10.17 Calcutta Mathematical Society

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

10.1 BANGIYA BIGNAN PARISHAD

Satyendra Bhaban, P-23, Raja Rajkrishna Street
Kolkata- 700 006, Ph.: 2555-8417

In compliance with the basic objectives of popularising Science and development of scientific spirit among the people and students, Bangiya Bigyan Parishad holds discussions, meetings, conferences, workshop etc. In addition to all these, the Parishad has regularly published its popular journal, 'Gyan-O-Bigyan' during the year under consideration. Along with holding 'Gyan-O-Bigyaner Asar', Praakiti Parmar Pathshala', the Parishad organised quiz competition and distributed prizes in this year. The Parishad has already published some valuable books and some other books are awaiting publication in near future in this year. The publications were displayed in the Kolkata Book Fair and some other Fairs. Vocational training programme based on Science and Technology has also found place in its annual stream of activities.

10.2 BANKIM BHABAN GABESANA KENDRA

Kantalpara,
P.O. Naihati,
Dist. 24-Pargana (North), Ph.: 2581-9933

Bankim-Bhawan Gaveshana Kendra was established as a registered research centre in the year 1999 within the premises of Bankim Chandra Chatterjee's ancestral house at Kantalpara, P.O. Naihati, Dt. North 24 Pargana. This historical mansion had been acquired by the Government of West Bengal in the Department of Higher Education and renovated a portion retaining the original architectural design. The aims and objectives of the BB Gaveshana Kendra include research on :

i) the social, economic, cultural and religious history of Bengal,

ii) the history of development of Bengali Language and literature including its current trends and

iii) the life and works of Rishi Bankim Chandra Chattopadhyay and other eminent personalities who contributed to the 'Renaissance' in Bengal.

During the year under review the museum possessing invaluable materials on life and time of

Bankim Chandra has been thoroughly renovated by covering the walls and the roofs of the hall and Bankim Chandra's study by damp-proof marine ply to protect the display materials.

It may be mentioned here that this 3-room Baithak Khana was built by Bankim Chandra himself and most of his literary creation was penned in his study within this Baithak Khana. The famous BANDEMATARAM song was also composed and set to tune for the first time by Bankim's Guru Jadu Bhatta a famous maestro of the period in this hall. Most of the contemporary eminent literatures and contributors to the highly esteemed literary magazine BANGADARSHAN edited by Bankim Chandra and published from this house, used to assemble in this hall regularly in the weekends. Hence, these rooms should be treated as sanctum of Bengali literature and culture.

In conformity with this approach, photographs of Bankim Chandra's associates, some of these are very rare, are displayed along with the invaluable images of his family members, in the hall. Prof. Biswanath Roy of the School of illumination Science, Jadavpur University and Sri Partha Mukherjee Illumination Engineer, Central Lidac, Philips India Ltd. very kindly supervised the illumination arrangement of the exhibition hall. The innovative lighting adds a new artistic dimension to the exhibits.

A good number of furnitures have been procured for preservation and display of most rare documents and very rare books and journals collected in the library. A Fumigation unit installed to treat the old books and paper-documents and the showcases arranged to display interesting documents.

It was felt that the books and journals mostly printed in the mid-19th century and hundreds of manuscript documents massed here from different sources should be arranged and preserved properly using modern digital technology. These are basic materials for research on the social history of Bengal. It may be considered very remarkable work completed recently that more than 20,000 (twenty thousand) pages have been scanned, cleaned and put in Compact Disks. This Digital Archive attracts serious researchers and this Centre, dispite acute scarcity of space, offers all facilities. A good number of books and journals - printed in Sambad Prabhakar press of Iswar Chandra Gupta and Bangadarshan Press installed in this house by Sanjib Chandra Chattopadhya in the year 1873, were in too brittle condition requiring special care. One ex-employee of the National Library helped to get these books and journals laminated with foreign tissue papers and bind these with utmost care. Thus these rare volumes get a new lease of life.

In this year a fully equipped Computer Centre could be established possessing 3 Pentium-4 machines, Scanner, Laser-jet and Desk-jet (colour) printers, CD writers, Zip-Drive, Modem, Multi Media Kit, Photo-shop, Page Maker, Data-scan software and various other software packages necessary for composing and preserving all types of print-materials.

One of our eminent Film Directors, Sri Buddhadeb Dasgupta has made a Docu-Film namely

BANKIM CHANDRER BARI (The house of Bankim Chandra) on behalf of Bankim-Bhavan Gaveshana Kendra in 35 M.M., duration of the film being 15 minutes. Sri Dasgupta declined to accept any remuneration for directing the film. Gaveshana Kendra records this gesture with gratitude.

Publication of BANGADARSHAN a new from this very house wherefrom Bankim Chandra started the journal in 1872 may be considered a major event and it is a pleasure to mention that our cultural world has warmly appreciated this initiative. Scholars like Prof. Hirendranath Mukhopadhyay, Prof. Rabindra Kumar Dasgupta, Prof. Dilip Kumar Biswas, Prof. Bhabatosh Dutta, Prof. Saroj Bandyopadhyay, Prof. Ashru Kumar Sikdar, Prof. Sudhir Chakraborty, Prof. Partha Chattopadhyay, Prof. Ramakanta Chakraborty, Prof. Abul Mansur of Bangladesh and most eminent creative writers like Sri Annada Shankar Roy, Sri Aloke Ranjan Dasgupta, Syed Mustafa Siraj, Sri Shankha Ghosh, Sri Debesh Roy, Sri Kumar Roy, Sri Budhadeb Dasgupta and some other well known writers are associated with this mouthpiece of Gaveshana Kendra. In this year BANGADARSHAN - 3 has been published and no.4 is under preparation.

On request Prof. Bhabatosh Dutta has prepared a monograph namely 'Bangadarshan- Parampara' (successive publication of the journal Bangadarshan) in which he has narrated and analysed the contents of Bangadarshan Patrika successively edited by Bankim Chandra, Sanjib Chandra Chatopadhyay, Rabindranath, Shris Majumdar, Sudhir Mitra, Kalipada Bhattacharya and Mohitlal Majumdar. This monograph contains complete index of the Bangadarshan published in different times under different editorship. The monograph will be published from this centre very soon.

Another important monograph -'The tune variation of Bandemataram song', English translation of the original Bengali article written by Late Prof. Ananda Kumar Chakraborty is being processed for publication.

It was stated in the previous year's Annual Report that i) descriptive catalogues of writings of Bankim Chandra in different languages and ii) compilation of Bankim- Abhidhan have been undertaken now. Throughout this year work on these on-going projects progressed considerably.

As in the previous year the birth anniversary of Bankim Chandra was observed this year also and a seminar held on the day. Prof. Saroj Bandyopadhyay, Prof. Ashru Kumar Sikdar and Prof. Sudhir Chakraborty spoke on djfferent upsects of Bankim Chandra and Bengali culture.

Bankim Bhavan Gaveshana Kendra received a financial grant of Rs. 5,39,476.00 (Rupees Five lac thirty nine thousand and four hundred seventy six) only and Rs. 1,80,000.00 (Rupees One lac eighty thousand) only for the film Bankim Chandrer Bari -under the plan and non-plan sector during the year 2001 - 2002.

A grant of Rs.10,00,000 (Rupees Ten lac) only from the Govt. of India in the Department of Culture received for development works in this financial year.

Since 1 April 2002 the major events took place in this Centre are being narrated below:

One of the most important projects initiated in this Centre is revival of Bankim Chandra's BANGADARSHAN PATRIKA. In the period under review two more important issues were published. Special mention should be made of starting publication of archival materials in BANGADARSHAN. In the 4th issue a very rare and valuable diary written by Sanjib Chandra Chattopadhyay has been published with necessary annotations. Such materials will be published in subsequent issues also.

The cleaning and digitilisation of archival materials has been continuing. Till date nearly 25000 pages of printed and hand written materials has been put in the compact disc. These materials are expected to be used by the Social Science researchers and expected to throw new tight on many grey areas of our social and literary history.

For this work this Centre urgently requires two computers and one whole time computer operator.

On June 28th 2002 *BANKIM.JAYANTI* was celebrated like previous years. The novelty of this year's programme was arranging full length demonstration of Katha- katha. After a brief introduction by Prof. Gautam Bhadra, famous Kathak Sri Dwijaraj Bandyopadhyay of Bankura presented *TARANI SEN BADH PALA*. Mention may be made that Bankim Chandra in his days used to arranged Katha-katha in the same courtyard where this years function was held.

Haraprasad Shanti Gaveshana Kendra a registered organisation established in the year 1978 for publishing the Bengali writings of Mamahopadhyay Shastri from West Bengal State Book Board had approach the Bhavan authorities with a proposal of total merger with the BBGK on certain conditions. The Governing Body of Bankim- Bhavan Gaveshana Kendra approved of the proposal in its meeting held on 5th November 2002 and subsequently the *HARAPRASAD SHASTRI GAVESHANA KENDRA* handed over its library, furnitures and a fixed deposit amounted Rs.50,000/- to Bankim Bhavan.

In accordance with the stipulations of the Haraprasad Shastri Gaveshana Kendra this year's *HARAPRASAD-JAYANTI* was celebrated on the 6th December 2002. Prof. Asoke Sen (former Professor of the Centre for Studies in Social Sciencs, Kolkata) delivered there commemoration lecture and his subject was SAMYA the book written by Bankim Chandra. It was a highly erudite presentation. A very interesting exhibition was organised on the life and works of M M Haraprasad Shastri. His publications and personal belongings were displayed. At the end of the function the Docu-Film *BANKIM CHANDRER BARI* directed by Srl Budhadeb Dasgupta was screened.

In the meantime, huge archival materials on the life and time of Bankim Chandra have been discovered in a very poor condition. These manuscript-materials are invaluable in 19th century studies every bit of paper, deserves appropriate care and proper preservation. This is a continuing project and despite financial stagnancy the Centre has been carrying on this work with expert

advice and support.

The scholar-visitors have already started using the portion of materials already neatly cleaned and laminated. The digitalisation of these materials is essential and this require sustantial financial assistances. These are invaluable National property and must be saved as materials for National history.

One more very significant event to be mention is the Puthi collection received from the family of Haraprasad Shastri. In the year 1756 great-grand father of Haraprasad Shastri Manikya Tarkabhushan established a Chatuspathi in Naihati and this Chatuspathi produced the famous scholers of Bhatpara, Halisahar, Tribeni. The Puthi collection of Shastri Bari had been used by the scholers of five successive generations of Pandits. This precious collection of Naya, Smriti, Dayabhaga, Bayakaran, Alankar etc. is presented by the Shastri family.

For proper maintenance and preparing descriptive catalouge and also scanned & digitilised for preserving in compact disc a substantial financial assistance is required.

Bankim-Bhavan Gaveshana Kendra received a financial grant of Rs. 3,04,149.00 (Rupees Three lac four thousand and one hundred forty nine) only for the year 2002 - 2003 till the date.

10.3 CENTRE FOR STUDIES IN SOCIAL SCIENCES, CALCUTTA

R1, Baishnabghata-Patuli Township
Kolkata – 700 094, Ph.: 2462-7252

The Centre for Studies in Social Sciences, Calcutta (CSSSC) was founded in 1973, mainly with the aim to undertake, aid, promote and co-ordinate research in social sciences, with special emphasis on the problems of the eastern region and West Bengal.

Its other academic objectives are :

i) To provide academic and professional guidance to agencies, institutions and individuals engaged in research in social sciences.

ii) To collaborate with and also to offer consultancy to the government agencies, universities, educational institution and private sector organizations in social sciences related activities.

iii) To act as a clearing house of ideas, information and research and also to maintain a data bank pertaining to social sciences with stress on the eastern region and West Bengal.

iv) To offer fellowships and scholarships to promote research in social sciences.

v) To develop close relation with universities and colleges, in teaching and in carrying out research in social sciences.

vi) To prepare and publish papers, periodicals and books on the related fields of social sciences.

vii) To secure and accept endowments, grants-in-aid, donations and gifts in furtherence of research in social sciences.

ACADEMIC EXCELLENCE

CSSSC, commonly referred to as The Centre, has come to occupy a special prominence amongst the academicians and intellectuals. Eminent scholars from disciplines]ike economics, history, political science, sociology, geography and later media and cultural studies, were drawn to the Centre from its very inception. Over the years, there have been gradual and sometimes radical shifts in the interests of scholars at the Centr~, but it has remained steadfast in its pursuit of academic excellence. The reports of the review committee of ICSSR and acknowledgements from distinguished scholars from India and abroad bear ample testimony to this.

ASSOCIATION WITH PUBLIC BODIES

Faculty members are often associated with bodies like State Planning Board, State Higher Education Commission, State Finance Commission and Sahitya Akademi. Many of them are on the editorial boards of academic journals and are office bearers of academic associations.

VISITING LECTURES BY FACULTY MEMBER

Faculty members, very often, take up teaching assignments at reputed universities in India and abroad. Many of them are regular visiting teachers in graduate/post-graduate departments in universities located in West Bengal and eastern region.

SUPERVISION OF DOCTORAL WORK

Several Ph.D. students registered with different universities, work under the guidance of CSSSC faculty members, though the Centre does not award any degree.

RECENT PUBLICATIONS BY FACULTY MEMBERS

Faculty members are quite prolific in publishing book and anthologies and in contributing articles

in newspapers, magazines and professional journals of national and international repute, like EPW, International Journal of Comparative Sociology, Diacritics, Sociological Bulletin, Journal of Asian Studies,Inter-Asia Cultural Studies, Journal of South African Studies, Journal of World-System Research, Journal of Political Economy, Journal of International Trade and Economic Development. Their seminal contributions over the years, have been widely acknowledged by discerning readers both8 within and outside of the academic world.

PROJECTS

The main project emphasis of the Centre is related to the fields of agricultural labour, rural development, financial markets, informal sector, resettlement and rehabilitation, political economy and cultural studies with cross-disciplinary approaches,

In the past the Centre has carried out projects, assigned by various national and international organizations like CSB, RITES, IRDP (Govt. of W .B.), UNESCO, World Bank, ILO and UNDP,

IMPORTANT ACADEMIC EVENTS

The busy calendar of Seminars, workshops, lecturers, conferences and face-to-face interactions, organized by the Centre, has come to occupy a prominent place in the intellectual life of Kolkata. A wide cross-section of Indian and international scholars are brought together at these events from time to time.

ANNUAL LECTURES

The highlights of the academic calendar are the two Annual Lecturers :

The Sakharam Ganesh Deuskar Lecture on Indian History and Culture, will be delivered by Prof. Gayetri Chakravarty Spivak, Department of English, Columbia University, New York on "The Concept of Disgrace in Post Colonial Nations : Tagore, Coetzee and Primary Education in West Bengal"" on February 10, 2003.

The RC Dutta Lecture on Political Economy is yet to be delivered later this year.

The lecturers, delivered by eminent scholars, are published as monographs by the Centre.

SEMINARS/PUBLIC LECTURERS/CONFERENCE

Important Seminars/Public Lecturers/Conference were organized by the Centre and attended by an impressive gathering of scholars, faculty members of universities, media-analysts, writers and

academicians. A two-day conference on "Frontiers of Development Economics" was held at CSSSC on December 23 and 24, 2002. The conference consisted of regular contributors as well as research scholars and young professionals outside India.

CULTURAL STUDIES WORKSHOP

The eighth Cultural Studies Workshop, jointly funded by the ENRECA programme of Danida and by the SEPHIS – CSSSC collaboration programme is being held at Goa between February 17 and 22, 2003.

The broad theme of the workshop is Citizenship and Identities. The workshop will be considered in depth, issues such as i) historical origins and contemporary challenges, ii) state, citizenship and identities : the contested landscape, iii) gender, ethenicity and democracy, iv) the subject of representation and v) the moment of the global.

RESEARCH ACTIVITIES DURING 2002-2003

A very brief introduction is given below to some of the ongoing research works by the faculty members:

Dr. Raziuddin Aquil is working on the Images of 'Kafirs' in the Indo-Islamic Literature (c.1000-1800)

Dr. Debdas Banerjee is working on Development Economics and History, He is directing a project sponsored by the Govt, of West Bengal on Preparation of State Development Report, His ongoing research programme is on Coherence and Interface Between Employment, Remuneration, Working Conditions, Social Security, Basic Rights at Work, and Industrial Relations in the Context of Globalization: A Study with Special Reference to Indian Organised and Unorganised Manufacturing.

Dr. Prathama Banerjee is working on her manuscript on The Politics of Live: 'Primitives' and History-writing in a Colonial Society as also researching on a Social History of Political Imagination in 19th and early 20th Centry Bengal.

Professor Gautam Bhadra is in the concluding phase of his work on History of Advertising in Bengali 1800-1950, He is currently working on Gopal Bhanr the Jester and editing a correction of the Bengali Articles written by Jadunath Sarkar for publication.

Dr. Dwaipayan Bhattacharyya is working on Democratic Functions and Processes in India, with a special focus on West Bengal.

Professor Pradip Kumar Bose is working on The Idea of Joint Family and the Medicalisation of

the Family in Bengal.

Professor Partha Chatterjee has been working on the theme of Concept of Political Society in Contemporary India.

Dr. Rimi B. Chatterjee is working on a book detailing the Trade with South Asia of Oxford University Press on the Pre-Independence Period.

Dr. Rosinka Chaudhuri is working on Issues of Authenticity and Nationalism in Nineteenth Century Bengali Poetry.

Pranab Kr. Das works on macroeconomics and applied econometrics, His main area of research interest is money and finance with special reference to Developing Countries, Financing and Investment of Firms in an Imperfect Capital Market, Movements and Determinants of Stock Price.

Dr. Keya Dasgupta continued her work on the Survey and Mapping of the City of Calcutta, and is currently working on Development and Displacement: Urban Sprawl in the City of Calcutta.

Dr. Sohel Firdos is working on Inter Action between Environmental Resources and the Economy of Tribes in Jharkhand.

Dr. Anjan Ghosh apart from continuing his work on Urban Popular Culture with Special Reference to Calcutta, is working on History of Ethnological Traditions in India and Rumour and Communal Conflict in Bengal.

Dr. Tapati Guha-Thakurta has just completed a book, titled Monuments, Objects,Histories : Institutions of Art in Colonial and Post-Colonial India (forthcoming, Columbia University Press) .

Dr. Jayoti Gupta is currently working on Gender Discrimination and Land Reforms Agenda in India and Factors Influencing the Land Market in West Bengal.

Dr. Manabi Majumdar is working on Decentralization Reforms in Education with a particular focus on West Bengal. She is also involved in a collaborative work on fiscal devolution.

Indrajit Mallick's main research interests are on Money, Banking and Finance and Law and Economics.

Professor Sugata Marjit is working in International Economics, Development, Banking and Finance and Governance. His recent research interest includes Trade Reform and Informal Wage, Collateral Monitoring and Banking Regulations, Capital Control and Short Term Vs. Loing Term Debt, Interregional Growth and Political Factors in India.

Dr. Janaki Nair is finalising her manuscript on Bangalories Contemporary History and completing the project on Gender and Urgan Governance.

Dr. Manas Ray continued his work on History, Memory and locality Post-Partition Calcutta, as laid out in his recent article Growing Up Refugee (History Workshop Journal, 53,2002).

Dr. P. Sanal Mohan is working on Historical Sociology of 'Prathyaksha Raksha Daiva Sabha' a dalit Religious Movement in Colonial and Post-Colonial Kerala.

Dr. Lakshmi Subramanian is finalising her manuscript on Music and Nationalism.

ARCHIVES

The archive at the Centre is a repository of microfilms, transparencies and photographs of different rate textual and visual material. The microfilms include the majority of nineteenth and early twentieth century Bengali periodicals along with a rare selection of Bengali books, family manuscripts and government reports gleaned from public institutions and libraries. The transparancies cover a variety of paintings, prints, illustration, and advertisement from the period taken from the private collections of various scholar-collectors.

RESOURCE CENTRE

Sir Jadunath Sarkar Resource Centre is located at 10, Lake Terrace, Calcutta 700 029. A comprehensive collection of documents depicting Social History of Bengal is being built. So far, several private collections have been acquired for this programme. The Ananda Bazar Patrika Limited has donated back volumes of their Newspapers, which include bound volumes of Ananda Bazar Patrika from 1944 onwards.

10.4 JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH

716, Jogendra Gardens, Kasba, Kolkata – 700 078
Telephone: 2442-8270,2442-5191,2442-8269(Director)
Fax : 2442-5485, E-mail : jbnsts@vsnl.com
Estd. 1st July ,1960

The Jagadis Bose National Science Talent Search (JBNSTS} is- a unique institution dedicated to the 'search and nurture' of talent amongst promising science students of West Bengal, seven north-eastern States, Chattisgarh, Orissa, Bihar and Jharkhand. It was founded in 1958 with the idea that students exposed to the life and work of Acharya Jagadis Chandra Bose would develop love and dedication for science.

AIMS AND OBJECTIVES

The work of the JBNSTS is concerned with the education with the educa1ion of 8 very special

population of students who are gifted and talented in science. All resources and efforts of the institution are invested into enrichment of learning and making it a joyful experience for those who are selected to join the JBNSTS circle. Through the years, a well defined charter has been developed to :

- Identify talented students of science, engineering and medicine who shall develop into scientists and technologists of very high calibre.
- Nurture them through enrichment programmes to develop their talents.
- Help students realize the importance if excellence in the scientific work.
- Conserve scientific talents with a view to provide for the nation's need for science and technology personnel.

THE PROGRAMMES OF THE JBNSTS IN WEST BENGAL

The programmes of the JBNSTS in West Bengal are mainly funded by the Government of West Bengal and to a lesser extent by the Ministry of Human Resource Development, Government of India and the Council of Scientific and Industrial Research.

Activities of JBNSTS in Talent Search and in Science Education :

Date	Programme details	Venue
01/03 - 03/03/02	Workshop	'Number Theory and Analysis' For High School students (-30) Held at RKM Residential College, Narendrapur Conducted by: Prof. S D Adhikari and Dr. P Banerjee
18/03 - 20/03/02	Workshop	'Chemistry and Environment' For High School students (-40) Held at Darjeeling Govt. College, Darjeeling Conducted by: Drs. D K Mitra and N R Pramanik
31/03/02	Senior Talent Search Test	For Undergraduate Science students of W. Bengal Held at 6 Examination Centres 268 students appeared
23/04/02	Meet the Scientist	JBNSTS-scholars (10) and other school students (-300) meet Bharat Ratna Dr. A P J Abdul Kalam at BITM, Kolkata
05/05 -09/05/02	Workshop	'Physics and Mathematics of Living Systems'

		For High School students (-60) Held at P C College,Dimapur, Nagaland Conducted by Profs. U Choudhury and P Sengupta
16/05 -17/05/02	**JBNSTS participates at the Meeting**	"Science Education Program -Trends and Future Initiatives" Organized by Indian National Science Academy, New Delhi Participants: Ms. Magdalene Mashangva and Dr. P Nandy
19/05-03/06/02	**Workshop**	'Spectrurm of Science' For High School Students (-28) of 7 district schools of West Bengal by several experts from relevant fields. Held at R.K Mission Residential College, Narendrapur
20/05- 31/05/02	**Talent Enrichment Program**	For 21 undergraduate students from West Bengal, Bihar, Jharkhand and Chhattishgarh Visit to 11 Science & Technology Centres in Bangalore June 2002
01/06 -15/06/02	**Vacation Classes**	For 6 students from NE States and Hill districts of West Bengal By several experts from relevant fields.Held at National Council of Science Museums, Kolkata
22/06- 26/06/02	**Scientific Creativity Tests**	For Senior JBNSTS-Scholars (37) of W. Bengal Held at SN Bose National Centre for Basic Sciences Final Interview : For the same group of students Held at JBNSTS
13/07/02	**Participation In workshop**	Mathworx For school students, organised by IIT, Kharagpur
10/08/02	**Counseling**	Attended by Senior JBNSTS-Scholars '01 (23) Speakers: Ms. Bandana Dasgupta, Principal, Kamala Girls' High School recipient National Teacher Award, Prof. Palash Baran Pal, Saha Inst. of Nuclear Physics, Kolkata Prof. T K Ghoshal, Dept. Electrical Engg., Jadavpur University
11/08/02	**Seminar**	For Senior JBNSTS-Scholars (-39) Held at Jadavpur University

		Speakers: Prof. C Roychoudhury, Univ. of Connecticut, USA Prof. A Bagchi, RBI, Professor of Economics Prof. A N Bhaduri, Ex-Director, IICB, Kolkata, Prof. Siddhartha Sen, Trinity College, Dublin, Ireland Students' Seminar: by Subhadip Chatterjee and Sandip Aine Guest speaker: Shri Subhamoy Mitra, Photographer
17/08/02	**First WBDS Program**	Interactive session for young students of Kolkata (-60) Speakers: Prof. Siddhartha Sen, Trinity College, Dublin, Ireland Prof. Bani Talapatra, Calcutta University
05/09/02-04/10/ 02	**Awareness Program**	For Undergraduate Science students (- 5000) In Science, Medical, Engineering colleges of W. Bengal
14/09/-16/09/02	**Workshop**	'Mysteries of Earth Sciences' For high school students (-38) of Jharkhand Held at Indian School of Mines, Dhanbad Speakers: Prof. Sisir Sen, CSIR Emeritus Scientist, Jadavpur Univ. Dr. Bimalendu Bhattacharya, Director, ISM, Prof. P C Mandal, Director General, Geological Survey of India, Dr. Swapna Mukherjee, Sr. Mineralogist, Geological Survey of India
22/09/02	**XIIIth Jr. Talent Search Test**	For students of NE States and hill districts of W. Bengal -1400 students appeared Held at 17 examination centres
05/10/-06/10/02	**Counseling**	For Senior JBNSTS-Scholars '01
05/10/- 06/10/02	**JB.Scholars to Interact with eminent personalities**	Shri Alokranjan Dasgupta, Poet, Heidelberg Univ. , Germany Prof. Partha Pratim Chakraborty, Computer Scientist, IIT, Kharagpur Padmashri Chuni Goswamy, Sports Person Smt. Mala Mukherjee, Photographer Prof. Partha Pratim Majumdar, Scientist, ISI, Kolkata, Shri Somnath Maity, Painter Shri Mrinal Sen, Film Director

01/11/-03/11/02	WBDS Program	'Our Earth, Our Sky' For school students in the age group of 12-14 years (-60) Held at Rasik Bhita, Dakshineswar, West Bengal Speakers : Dr. J R Kayal, Geological Survey of India, Kolkata, Dr. T K Bose, Indian Meteorological Department, Kolkata, Prof. B Bhattacharya, Sky Watchers' Association, Kolkata
20/11/-22/11/02	Workshop	'Molecular Basis of Bio -Diversity' For High School Students (-60) Held at Jorhat, Assam, Speakers: Prof. P C Deka, Assam Agricultural Univ., Dr. D N Sengupta, Bose Institute, Kolkata
13/12 -16/12/02	Selection Test	For high school students (-80) from 8 NE States and 3 hill districts of West Bengal, held in Kolkata
14/12- 16/12/02	Workshop	'Creation and After' for high school students (-80) from 8 NE States and 3 hill districts of West Bengal, held in Kolkata conducted by Profs. Prof. B Bhattacharyya, A Mukherjee, R K Poddar, U Chaudhuri and Dr. A Nandy
17/12/02	Follow-up-Program	For high school students (-80) from 8 NE States and 3 hill districts of West Bengal, held in Kolkata Visits to Birla Industrial and Technological Museum Birla Planetarium, Lecture by Dr. D P Duari
18/12/02	Annual Award Ceremony	Chief Guest: 'Prof. Satyasadhan Chakraborty, Hon'ble Minister of Higher Education, Govt. of West Bengal, Guest of Honor: Dr V S Ramamurthy, Secretary, Department of Science & Technology, Govt. of India
21/12-28/12/02	Talent Enrichment Program	For Senior JB-Scholars and students from Orissa and Jharkhand to visit Science & Technology Centres in Hyderabad and Bhubaneswar

10.5 INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Estd : 1876
2A&B, Raja S.C. Mullick Road,
Jadavpur, Kolkata-700 032
Telephone : 2473-46788/3372/3073
Fax: (91)(33)473-2805,4836561

After immediate completion of 125 years and at the juncture of 75th Year of Discovery of Raman Effect IACS continues to strive towards excellence in basic science and allied technology covering several emerging frontline areas of materials research, atomic, molecular and optical physics, molecular science, theoretical science and biology. However, the acute shortage of funds remains a matter of grave concern for its all-round growth and development.

Research Activity in various departments and units:

Materials Science

During the year motivated research has been carried out in the Department of Materials Science of Indian Association for the Cultivation of Science on the front line areas of synthesis and characterization of materials of current interest. There is also a strong theoretical group working in the front line areas of Atomic and Molecular Physics.

Continued activities have been in the areas of Powder Profile Analysis in Alloys, Films and Crystal Growth and defects Charactelization in solution-grown single crystals of sulphate groups.

Theoretical work was started to explore different approaches to molecular control. Investigation of selective population transfer by chirping, control over angular distribution and product branching using appropriately designed multi-frequency pulses is being carried out. Future plans include coherent phase control, optimization of pulse shape for achieving a specified target state.

Solid State Physics

Magnetic susceptibility, specific heat and Mossbauer spectral study of highly frustrated magnetic system like Dy2Ti2O7 are reported. Magnetic properties of molecular magnets have also been investigated. EPR measurement on Mn(II) clusters in silica glass is indicative of supraparamagnetic transition at low temperature. Reciprocal space-real space direct methods have been applied successfully for ab-initio solution of a protein, lysozyme, without heavy atom. Donor-acceptor type heterojunction devices and dye-sensitized solar cells have been fabricated. A model has been developed to generate ac characteristics of light-emitting devices. Nanoparticles and nanorods of antimony selenide were prepared and optical and electrical properties were studied.

Spectroscopy

The highlight of achievements:

Laser flash photolysis experiments performed on different organic donor acceptor systems reveal the production of monomeric triplets, importance or hydrogen bonding effects, energy exchange via charge recombination process and enhancement of photobleaching efficiencies in non-polar environment. Identification of new and fascinating host-guest complexes of organic molecules in restricted geometry, dual fluorescence of some organic compound in reverse micelles and identification and mechanism of ultrafast excited state proton transfer have been done through photophysical studies.

Theoretical Physics

In the field of atomic and molecular physics Feshbach resonances due to the auto-detaching states of the positronium ion below the positronium excitation thresholds have been successfully predicted. First quantum calculations for antihydrogen-hydrogen scattering have been performed. Electron correlation effect has been studied for some two-electron transition processes.

In the field of condensed matter physics the relevance of effective theory for the edge fractional quantum Hall effect has been microscopically tested. A novel technique has been developed by which low energy spectrum for a fairly large number of uncommon fractional quantum Hall stakes can be obtained.

In the field of nonlinear dynamics it was shown by constructing a simple dynamical system analogous to the full system of spherical Bondiflow around a massive star, how the nonlinearity can actually select a particular trajectory at infinitely long times. This helps us understand low the transonic Bondi flow results in the steady state.

In the area of astropartic1e physics, theoretical estimates of sealevel muon specron at different zenith angles have been made and impressive agreement found with experimental data.

In the area of high energy phenomenology, a non-minimal supergravity framework has been identified where there is a possibility of having higgsino dominated lightest neutralino while having a smaller range of fine-tuning throughout the parameter space of the model.

In the field of gravitation and cosmology it has been shown that a spacetime with torsion can explain astrophysical signals like optical activity in radiation from distant galactic source. The implication for different compactification schemes has been explored.

Energy Research Unit

(i) An indigenously designed and fabricated prototype production line for the fabrication of large area integrated double junction (30 cm x 30 cm) a-Si.' solar modules have been set up and made operational in December, 2002. Initial trial with the line has been started.

(ii) High growth rate (4.5 A/Sec) has been achieved for intrinsic microcrystalline silicon films prepared by RF-PECVD method.

(iii) Microcrystalline silicon based single junction solar cell has been fabricated with 6 % efficiency.

(iv) Using transparent conducting ZnO (developed in our laboratory) at n/metal

interface more than 10% increase in efficiency has been achieved in amorphous silicon solar cells.

(v) A new PECVD deposited material has been developed and applied in single and double junction solar cell with higher stability.

(vi) Plasma diagnostic of silane plasma mixed with different gases is on going.

(vii) Using insight gained from theoretical modeling, specially the fact that the p/i interface for the pm-Si:H cells is considerably more damaged than standard a-Si:H based cells, the depostion parameters were optimised to ultimately yield pm-Si:H cells, with conversion efficiencies higher than a-Si:H cells.

Biological Chemistry

Total synthesis of tetra- and pentasaccharides related to the Shigella dysenteriae type 9 and Escherichia coli type 026 have been completed in view of our ultimate goal of preparing synthetic vaccines. Lectins from hemolymph of gastropod and fish sera have been purified to homogeneity by chromatography on ion-exchanger and affinity matrix and their erythroagglutinin properties have been studied.

Inorganic Chemistry

This includes: (1) Self assembly towards the construction of molecular ladder and rectangular grid of cadmium(II)-selenocyanate; (2) three new single end-to-end.azide-bridged copper(II) chains using three different tridentate Schiff bases magneto-structural correlations; (3) valence delocalization in a mixed-oxidation divanadium(IV, V) complex electro generated from a divanadium(V) analogue; (4) electron transfer reactions involving monomeric manganese(III)-and bis(u-oxo) manganese(III, IV) macrocycles; (5) new observations on copper(I)-water bond and electrooxidation of tetraphenylborate anion (6) deamination reactions in osmium(II) complexes.

Organic Chemistry

The continuing research efforts have unfolded novel methods of carbon-carbon bond formation by

metal mediated reactions, transition metal induced radical reactions, and Lewis acid catalysed and microwave assisted processes. Asymmetric synthesis via chirality transfer during photocycloaddition reaction is one of the most significant achievements. These methodologies have been successively applied for the total syntehsis of bioactive substances like pseudo nucleosides, sesquiterpenes and allelopathic compounds. A number of heterocyclic systems have been synthesised through transition metal induced reactions for investigating structure-activity relationships.

Physical Chemistry

A theory of quantum Brownian dynamics has been developed. A new class of growth models with nonlinear diffusion has been proposed and its implication and applicability to several biological problems (e.g., tumor growth) is being explored. A picosecond diode laser has been set up and solvation dynamics of proteins has been studied by covalently attaching the probe to the protein. IR-UV double resonance spectroscopy in supersonic jets has been used to obtain structures of hydrated clusters of tetrahydro isoquinoline. Multireference coupled cluster theory has been developed to obtain detailed infonnation about potential energy surfaces of molecules in which correlation effects are strong.

Polymer Science Unit

Researches in the following areas were conducted

Living Polymers : Synthesis of living polyacrylamide (an important water soluble polymer) was accomplished for the first time using the atom transfer radical polymerization route.

Novel elastomer blends : Various combinations of accelerators and vulcanizing agents were investigated in order to improve upon the covulcanization of elastomers differing greatly in the level of unsaturation e.g. natural rubber + EPDM rubber.

Polymer crystallization : The crystallization of PET with the piezoelectric polymer poly(vinylidene fluoride) was explored.

Polymer gelation : Conductivity variation of polyaniline gels was studied a was the thermodynamics of gelation of poly(3-alkyl thiophene) in xylenes.

Polymer based nanostructures : Progress has been made towards the synthesis of hollow polymer nano-capsules.

Polymer-surfactant interaction : Interaction between a physiologically important surfactant viz. bile salt and a biocompatible polymer, poly(vinyl pyrrolidone), was studied.

Honours and Awards :

Our faculty members have received national awards, they have been elected to distinguished Academies of Sciences and invited to address various national and international meetings.

10.6 INSTITUTE OF HISTORICAL STUDIES

35, Shakespeare Sarani
Kolkata – 700017
Phone: 2247-5236
Estd : 1961

ACTIVITIES (April, 2002- March, 2003) :

The Institute of Historical Studies founded by a great visionary and dynamic devotee of Clio, Dr. S. P. Sen, in 1961 is to-day a leading all-India association of historians. There is not a single state or university from Kashmir to Kerala and from Gujarat to Assam and Meghalaya where the Institute does not have at least a few members. During the year 2002- 03 62 new members including 15, Life Members have been enlisted.

The Institute as an autonomous body is financed by both the Ministry of Higher Education, Government of West Bengal and the Ministry of Culture, Government of India, the entire maintenance cost being borne by the Government of West Bengal and the Government of India on a 50 : 50 basis.

With the help and co-operation of the members and subscribers, benefactors and well-wishers, scholars and historians all over India and abroad the Institute has, during the year under review, pursued its varied activities in the academic field with the same vigour as in the previous years.

I. FOUNDER'S DAY ANNIVERSARY :

The Institute celebrated the Founder's Day Anniversary on 8th and 10th June, 2002. On 8th June it organised a whole day Research Scholars' Seminar. Eight research scholars of different Universities of West Bengal, who were working on their Ph. D. theses or had just completed their doctoral dissertations, presented papers on subjects of their specialization, followed by a very lively discussion. On 10th June Dr. Pradip Sinha, formerly Professor of History, Rabindra Bharati University, delivered the Dr. S. P. Sen Memorial Lecture on "Exploring Rural Society : Bengal in the Nineteenth and Early Twentieth Centuries."

II. MEMORIAL / ENDOWMENT LECTURES :

(i) Professor Nemai Sadhan Bose, former Vice-Chancellor, Visva-Bharati (Santiniketan) delivered

on November 9, 2002 the Professor Agam Prasad Mathur Endowment Lecture (2001-02) on 'Conflict and Conciliation on Social Issues in Bengal in the First Half of the Nineteenth Century'.

(ii) Professor K.K. Dasgupta Memorial Lecture was delivered on December 21,2002 by Dr. Gautam Sengupta, Director,Directorate of Archaeology and Museum, Government of West Bengal on 'Art of Ancient Assam : Formative Centuries'.

(iii) Professor Haraprasad Ray, formerly of Jawaharlal Nehru University, New Delhi, delivered on January 11, 2003 the lecture in memory of the late Justice Binayak Nath Bandyopadhyay on 'Indo- Chinese Cultural Interface : Some Unexplored Dimensions'.

(iv) The Professor Sunil Kumar Sen Memorial Lecture was delivered by Dr. Kanailal Chattopadhyay, formerly of Uluberia College, on February 1, 2003. He spoke on 'Brahmo Samaj : Attitude Towards Industrial Workers and Peasants'.

(v) Dr. Ranjan Chakrabarti, Professor and Head, Department of History, Jadavpur University, will deliver on February 22, 2003 the Biplabi Nagendra Sekhar Chakraborty Memorial Lecture on 'Contextualizing a Memoir: The Indian Revolutionaries in the Andamans'.

(vi) The Professor Nisith Ranjan Ray Memorial Lecture is scheduled to be delivered in March. The lecture will be delivered by Dr. Deba Prosad Chaudhury, formerly Professor of History, Jadavpur University, on 'India's Himalayan Frontier in the Nineteenth Century'.

(vii) Dr. Rakhal Nath, Professor of History, Kalyani University will deliver on March 29, 2003 the Professor Agam Prasad Mathur Endowment Lecture (2002- 03) on 'Changing Creed in Bengal in the Nineteenth and Twenteenth Centuries'.

A new annual endowment lecture has been instituted with a generous donation from Dr. H. L. Gupta, formerly Professor of History, University of Saugar, Sagar.

III. ANNUAL CONFERENCE :

The 39th Annual Conference of the Institute was held at Chennai (Madras) under the auspices of the Institute of Correspondence Education, University of Madras between 21st and 23rd October, 2002. Nearly 100 delegates from different parts of India attended this all India conference. The general theme of discussion was 'India's Contacts with the Outside World through the Ages', and the local theme was 'Freedom Struggle and Allied Movements in Tamilnadu'. About 40 papers on both the themes were presented at the Conference for academic deliberations.

IV. LIBRARY :

We are trying to augment our research library for the benefit of our members and other scholars.

Dr. Deba Prosad Choudhury, formerly Professor of History, Jadavpur University, has kindly donated several very valuable maps on the Mc Mahon Line for our library.

V. JOURNAL AND OTHER PUBLICATIONS :

Among the historical journals of India, The Quarterly Review of Historical Studies regularly published by the Institute since its inception commands probably the largest circulation in India and abroad. It is now running the 41st year of its publication. Volume XL Nos. 3 & 4 (combined) came to be published in May, 2002. Volume XLI Noso 1 & 2 (combined) (in press) will come out before the end of February, 2003. Volume XLI Nos. 3 & 4 (combined) will be sent to the press in March, 2003.

The Institute expects to bring out in February, 2003 an important publication 'Assam's Place in India-China Relations, and its Future Role in India's Economy', embodying the Professor H. K. Barpujari Endowment Lectures delivered by Professor Haraprasad Ray, formerly of Jawaharlal Nehru University, New Delhi in March 2002.

The third volume of The Dictionary of National Biography (Supplement) is being prepared for the press. The Dictionary of National Biography, a monumental publication of the Institute, is the first venture of its kind in India.

We are eagerly awaiting the decision of the Indian Council of Historical Research regarding our proposal of a collaborative research project on the 'History of Indian Historiography' as

submitted to the Council for a grant-in-aid with a view to publishing a well-researched monograph on the same.

VI. OTHER ACTIVITIES :

The Institute provides assistance to scholars working on projects of historical research. During the year under review several such research projects as submitted through the Institute to the Indian Council of Historical Research are in progress with grants from the Council.

10.7 INSTITUTE OF DEVELOPMENT STUDIES

Calcutta University Alipore Campus,
1,Reformatory Street, 5th Floor,
Kolkata –700027
Ph. No. 2448-8178

The Institute of Development Studies Kolkata was established under the provision of West Bengal Society Act XXVI of 1961 with Professor Irfan Habib as President and Professor Amiya Kumar Bagchi as Director cum Secretary. The University of Calcutta provided space for working of the

Institute at its Alipore campus. The Institute moved into its new premises on 1st August, 2002.

I. Activities of the Institute

A. Workshops

1. On 28 August, 2002 a workshop was organised on the "Relations of Social Sciences and Humanities to Development Studies" and invited specialists from various branches of social sciences and humanities spoke at the workshop. The speakers included Professors Asim Dasgupta, Satyasadhan Chakraborty, Malini Bhattacharya, Atis Dasgupta, Asis Banerjee, Suranjan Das, Sharmila Banerjee, Prabhat Datta, Ratan Khasnabis, Swapan Pramanik, Debdas Banerjee and the Director of the Institute.

2. On 30 September,2002 a workshop on "Politics in West Bengal: Patterns and Trends" was held in collaboration with Netaji Institute for Asian Studies and Department of History, Calcutta University.

B. Seminars of Visiting Academics:

1. On 23 December, 2002 Professor Sucheta Mazumdar of Duke University, USA gave a seminar on "China and Global History".

2. On 9 January, 2003 , Mark Selden, Bartle Professor of Sociology and History at Binghamton University, USA delivered a seminar on "Global Perspectives on War and Terror in the Long Twentieth Century".

3. On 16 January, 2003 Professor Subrata Dasgupta, Director of Cognitive Science at University of Western Louisiana, Lafayette, USA gave a talk on "Cognitive Science and Creativity".

4. On 29 January, 2003 Martha C. Nussbaum, Professor of Law and Philosophy, University of Chicago, USA gave a talk on "Capabilities as Fundamental Entitlements: Sen and Social Justice".

C. Research Programmes:

The Institute launched a research programme on "Literacy and Primary Education in West Bengal" with the aim of constituting a research group that would inquire intensively into both the micro and macro aspects of achievement of universal

literacy and elimination of the phenomenon of children of school going age not attending school.

II. Academic Activities of the Faculty members:

a. Professor Amiya Kumar Bagchi

He attended the Summer School on "Money and Finance" at Venice International University from 1st to 8th September, 2002 and gave lectures on "From colonial commercial banking to developmental banking in India"; and the European Social Forum from 6th to 8th November, 2002 and gave a talk on the "Economic and political motives behind US preparation for war on Iraq";

On 13 December, 2002 he delivered the keynote address on "Globalisation and higher education" at the platinum jubilee session of West Bengal College and University Teachers' Association.

He attended an IDEAs conference on "International Finance" held in Chennai between 16th and 19th December, 2002 and commented on a paper by Franklin Serrano on "The evolution of the International gold standard"; the Asian Social Forum and addressed as a member of panel on Globalisation Nation State and Democracy between 3rd and 5th January, 2003;the workshop on Human Security jointly organised by the Pratichi Trust, Harvard University and UNICEF on 11 and 12 January, 2003.

On 23 January, 2003 he delivered the Annual Netaji lecture under the auspices of Netaji Institute for Asian Studies and Netaji Subhas Open University on the "Economies of East Asia".

He will give a keynote address on 15 February, 2003 on the topic"Commerce and Culture in Indian History" at Prachya Vidya Samiti; and deliver the Annual Foundation NERC-NEHU lectures of North Eastern Hill University on 12 and 13 March, 2003.

He will participate in the fifth E.M.S. Namboodiripad Conference held under the auspices of A.K.G. Centre, Thiruvananthapuram on 17 and 18 March,2003 and will give a talk on the "Economic Aspects of the Threat of Fascism".

An honorary D.Litt. by the University of Kalyani was conferred on 25 November,2002.

He delivered the convocation address of Burdwan University on 24 January, 2003.

He will deliver the convocation address of Kalyani Bidhan Chandra Krishi Viswavidyalaya on 19 February, 2003.

Ph.D. theses guided and submitted during the period August 2002-03

	Name	Title	University
1.	Mamata Ray	Regional financial institutions, leading behaviour and path-dependence, Madras 1921-1969	Calcutta University
2.	Manali Chakraborty	Industrialisation process of Kanpur 1900-1945	Jadavpur University
3.	Pranab Kumar Das	An inquiry into allocation of credit between fixed capital and working capital	Jadavpur University

He continued to be a member of State Planning Board, Government of West Bengal and was appointed the Chairman of a Committee to examine the financial requirements of the Government of West Bengal during the 10th Plan period.

Publications :

1. **Books edited (in English) :**

2002 **Money and Credit in Indian History since Medieval Times**
Tulika, New Delhi.

2003 (Jointly with M. Chattopadhyay and R.Khasnabis)
Economy and the Quality of Life: Essays in memory of Ashok Rudra
Dasgupta and Co., Kolkata.

2. **Book edited (in Bangla) :**

2002 **Bishwayan: Bhabana-Durbhabana, Dwitiya Khanda(vol.2)**
National Book Agency, Kolkata

3. **Articles (in English) :**

2002 **Defining human development** of liberty, equality, solidarity

-and also security, Frontline,22 November.

2002 Another Europe is possible
Frontline, 25 January.

2002 The Mutuality and Private and Public Credit: The rise and decline of public credit
Arthaniti, New Series, vol.1. No.1

2002 **'Multiculturalism, secularism and inequality', in Jayati Ghosh and C.P. Chandrasekhar (eds.):**
Work and Well being in the Age of Finance,
Tulika, New Delhi

b. Dr. Uttam Kumar Bhattacharya

During the period Dr. Uttam Bhattacharya acted as a research coordinator of the Institute. He helped to co-ordinate the workshops and seminars organized under the auspices of the IDSK.

Publications :

1. Growth of small scale industry in West Bengal, (jointly with P.S.Das) *Journal of The Department of Commerce*, Vidyasagar University, 2002.
2. The new Patents Act in India under the WTO regime, in *Issues of Development,* New Delhi, Allied (in press)

10.8 PASCHIM BANGA ITIHAS SAMSAD

Sarat Bose Bhavan,
1, Woodburn Park,
Kolkata – 700 020

Paschim Banga Itihash Samsad is one of the largest regional associations of professional historians, history- inclined academics and lay persons in India. It has maintained close link with the Indian History Congress for more than a decade now. The organization has more than 2000 members.

OBJECTIVES

The PBIS has consistently tried to promote the cause of teaching and research in history through the Bengali language and maintain links with other regional associations pursuing similar goals. It has also directed its efforts towards upholding secular and scientific values in all history – related

endeavors. It has continued to devote its attention to rationalizing and updating the history curriculum followed in schools, colleges and universities of West Bengal. The publications of books and compilations of articles continued to form and integral part of Samsad's activities. The PBIS also organizes special lectures on education, political thought and historical geography apart from social and economic history of India.

ACTIVITIES DURING 2002-2003

1. The 19th Annual Conference of PBIS was held from 24-26 January, 2003 at Sripath Singh College, Jiagang, Murshidabad. About five hundred members and delegates participated in the conference. It was inaugurated by Sri Kanti Biswas, Minister in Charge of Secondary Education, Govt. of West Bengal and the keynote address was delivered by Professor Aniruddha Roy, former Professor,Department of Islamic History and Culture, University of Calcutta. A seminar was held on "Jatitatta, Sampradayikata o Jatio Ratra Gathaner Samasya" Speakers included Professor Suranjan Das, Professor Jahar Sen, Professor Bishan Gupta and Janab Mainul Hasan, M. P. In the academic session more than two hundred papers were presented, covering a wide range of issues and themes from the ancient, medieval and modern periods of Indian History as well as those from histories of countries other than India.

2. The 8th Sushovan Sarkar Memorial Lecture was delivered on 19th August 2002 at Presidency College, Kolkata by Professor Malini Bhattacharya on the theme of "Paradhiner Romantikata o Jugosandhir Rabindranath".

3. The 5th Ashin Das Gupta Memorial Lecture was delivered on 29th March, 2003 at Jibananada Sabhagriha, Paschimbanga Bangla Academy by Professor Amiya Deb on "Shikkhar Adarsha: 2003"

4. On 4th May 2002 PBIS joined the rally against communalism organized by WBCUTA and eight other similar organizations. More than 100 members of PBIS were present in the rally.

5. On 29th November 2002 PBIS organized a symposium jointly with the Department of History, Jadavpur University and a voluntary organization Saman on " The distortion of history in the text books published by NCERT". Professor Aditya Mukherjee, Kumkum Roy of JNU, Delhi were among the speakers.Professor Dibyendu Hota , Basudeb Chattopadhaya and other eminent speakers joined the symposium.

6. On 22nd March 2003 PBIS organized a workshop in Jadavpur University on " The New B.A. Hons. syllabus in History. More that 200 college teachers joined the workshop.

PUBLICATIONS

1. Itihash Anusandhan , Vol 17, 816 pages.
2. Itihaser Prekhite Kolkatar Sankhalaghu Sampradai (Edited by Sk Makbul Islam)
3. Paradhiner Romantikata o Jugosandhir Rabindranath by -Professor Malini Bhattacharya, Jadavpur University
4. Banglar Nabajagarane Sangati Asangatite Vidyasagar by Professor Ashok Sen.

10.9 THE RAMKRISHNA MISSION INSTITUTE OF CULTURE

Gol Park, Calcutta 700029
Telephone: 464-1303
Estd. 1938

The Ramkrishna Mission Institute of Culture is a Branch Centre of the Ramkrishna Mission, Belur Math. It was established in 1938 in a small rented room in North Calcutta and shifted to Gol Park in 1961. Pandit Jawaharlal Nehru inaugurated it on 1st November 1961.

OBJECTIVES

It has a three-fold aim: (i) proper interpretation and appraisal of Indian culture, (ii) the promotion of mutual knowledge and understanding between India and other countries, and (iii) the promotion of the study of cultural heritage of India and of mankind as a whole.

ACTIVITIES DURING – 2002-2003.

During the year the Institute's Library increased its stock of books and bound volumes of periodicals to 2.30.857. The number of books purchased, obtained as gifts and bound periodicals during the year was 6.063. The average daily attendance in the Library was 1.359.

(i) The Institute's School of Languages teaches 15 languages'. 4 Indian and 11 foreign. The number of the student in the School in the last two semesters was about 13.965. The largest enrolment was in the English Department which accounted for nearly 89% of the students. (ii) the Institute organized of its own 274 well attended functions and 9 more in collaboration with other Academic Institutes. Among them were 100 Endowment Lectures, 94 Scripture Classes, 59 Discourses, 21 Public Lectures, 12 Recital and Music Festivals, 4 Symposia, 11 Vivekananda Study Circle (Junior), programmes and Elocution Competition on Swami Vivekananda and an Elocution competition in Sanskrit. The competitors were 441 and the prize winners were 61. (iv) the monthly Bulletin, which

completed 53 years in December 2002 is one of the major media for dissemination of culture. It is a full-fledged journal covers wider and deeper areas of both eastern and western cultures (v) during the year the Institute organized Value Orientation Programmes with 215 Youth Conventions and 4 Teachers' Conventions. A central Youth Conventions with 1300 youths and 150 observers was held in November. Besides the existing Vivekananda Study Circle for senior and junior members, Vivekananda Anusilan for 80 youths has been organized for serious study on Swami Vivekananda. Districts covered : Kolkata, North 24-Parganas, South 24-parganas, Howrah, Hooghly, Purva Midnapore, Pashchim Midnapore, Bankura, Burdwan, Murshidabad and Darjeeling. (vi) during the period under review the Institute conducted a ten month course in Bharat Tattwa (Indology), a three-year special course in Sanskrit leading to diploma, discourses on Gita and Kalidas's Raghuvamsam and Meghdut, all in Sanskrit, a 15-day

workshop on functional Sanskrit course. and also a debate in Sanskrit. During this period 3 of our scholars have received Ph.D. Degree. (vi) the Museum and Art Gallery organized an annual exhibition on' Sri Krishna : the Prophet of Love and Action' in collaboration with Indian Museum, Kolkata. A 6 months course on 'Appreciation on Indian Art' was also conducted. The Saradadevi School of Fine Arts and Crafts with 180 students on the roll has done good work. (vii) the International House provided accommodation for 2,908 scholars and guests who came to stay from different countries of the world. They were Indian as well as others from countries like Africa, Bangladesh, Canada, Germany, Japan, Lithuania, Romania, Srilanka, U.K. and U.S.A. (ix) during 2002 the Institute awarded 4 scholarships of Rs 1.00 lakh each for study abroad. The Institute also granted scholarships to poor and meritorious students of different schools and colleges including medical students and financial

assistance to participants' children of the Institute for their study worth Rs 5.70.200/-.

R. K. Mission Institute of Culture, Golpark has been getting financial assistance from both the State and Central Government under non-plan sector in the ratio 1:1 as per recommendation of the Review Committee for a span of five years.

The present recommendation is as follows :-

To be shared by	1999-2000 Rs. In lakhs	2000-2001 Rs. In lakhs	2001-20002 Rs. In lakhs	2002-2003 Rs. In lakhs	2003-2004 Rs. In lakhs
Govt. of India	67.00	76.50	87.00	98.50	111.00
Govt. of W. B.	67.00	76.50	87.00	98.50	111.00

10.10 SOCIO-ECONOMIC RESEARCH INSTITUTE

C-19, College Street Market, Kolkata-700 007
Date of establishment: 7th July 1959

The Institute is devoted to the study of social and economic problems of India, past and present. Shri Durga Prasad Bhattacharyya is the present Secretary of the organisation.

The ongoing research projects of the Institute are the following:

Pre-Census Population Project of India sponsored by the Planning Commission and the Registrar General, India :

The purpose of the project is to compile and publish descriptive and statistical materials on any part of India — provinces, districts, cities, towns, taluks, thanas, villages from the ancient period to 1870 when the first census was conducted. It is proposed to publish 8 volumes, one volume for the period up to 1800, and one for each decade from 1801 to 1870. Four volumes relating to the period 1801-1840 have been published by the Registrar General, India. The manuscripts for Volume VI (1841-1850) and Volume VII (1851-1860) have been submitted to the Planning Commission. The work is in progress relating to Volume I up to 1800 and Volume VIII for the period 1861-1870.

A Bibliography of Bengali writing on social sciences 1948 onward sponsored by the Indian Council of Social Science Research (ICSSR), Union Ministry of Human Resource Development :

The Institute has compiled a bibliography of economic and sociological writings in Bengali up to 1950 with the support of the ICSSR. The Paschim Banga Bangla Academy has published the bibliography of economic writings in Bengali, 1800-1950. The Institute has completed a catalogue with annotation of books and articles for a bibliography of all branches of social science from 1948 to 1990 and manuscript is under preparation.

Economic History of India: Documents. 1858-1901—Agriculture and Irrigation—sponsored by the Indian Council of Historical Research (ICHR), Union Ministry of Human Resource Development :

The purpose of the project is to compile documents having a bearing on agriculture and irrigation in India from manuscript and published sources. The work has been completed and one volume of manuscript has been submitted to the ICHR for publication.

A Bibliography of Bengali Writings on Sociology and a Bibliography of Bengali Writings on Science and Technology, 1800-1950 :

The former was sponsored by the ICSSR and the latter by the Indian National Science Academy.

The bibliographies were completed by 1990. The Department of Higher Education has sanctioned a grant to process the material with the classification and index.

Grant : The amount sanctioned in 2001-2002 by the Department of Higher Education.

Maintenance grant :	Rs. 80,000/-
Planning Commision :	Rs. 500,000/-

Computer Centre :

A computer centre has been established at a new room alloted by the Kolkata Municipal Corporation for which the Planning Commission sanctioned a grant.

Publication :

Bamla bhasay arthaniticarca : nirvacita granthapãnji 1800-1950 : compiled by Dr Durgaprasad Bhattacharya. Kolkata, Pascimbanga Bamla Akademi, Sept.,2001. [4], 1000p.

10.11 TAMRALIPTA JANAKLAYAN SAMITY

P.O. Kulberia, Dist. East Midnapore,
Tamluk Sub-Division
Pin – 721649

Under the auspices of Tamralipta Janakalyan Samity a four storied building styled as "Smriti Soudha" was completed in 1996 to commemorate the memory of Freedom Struggle in the erstwhile Tamluk and Haldia Sub-divisions and its participant – Freedom Fighters.

ACTIVITIES :

Libraries :

Two libraries : (1) Public Library and (2) Research Library

During the period the activities are as follows :

(1) Public Library

Books purchased and collected - 9,
Attendance of Readers - 2789,

Average attendance per day - 15

(2) Research Library

4 Research workers availed of the facilities on several days during the period. No. of new members

enrolled in the
Library during the period -10. Total members -100

Publication of Books :

The Second volume of the book on Freedom Movement of Tamluk (Tamluk and Haldia Sub-Divisions (1900- 1947) are scheduled to be published early. The manuscript has been prepared and the same is under examination by our Editorial. Board.

Museum :

During the period, visitor individually and very often in groups have visited our Museum, where Photos of Freedom Fighters, Oil paintings of the different events of Freedom Movement, statues of Leaders etc. remain displayed.

Observation of National Days :

Observation of Independence Day, Republic Day, Mahatma Gandhiji's birthday etc. have been observed on scheduled days .

Observation of the Foundation Day of Tamralipta Jatiya Sarkar (1942-1944)

17th December is the Foundation Day. On 17.12.02 last the day was observed through procession of about one thousand villagers going round the neighbouring villages. Football competition, meetings in the afternoon and cultural function in the evening were within the day's programme.

Training of Handicapped persons :

A Training Camp of Handicapped persons was held in our "Smriti Soudha" in January last. This was organised by the "Tamluk Unnayan Samity" in collaboration with us.

During this period Secretary, Sri Amulya Charan Maity, resigned due to his old age and in his place Sri Lakshman Seth, M.P., was elected as the Secretary.

10.12. SRI SRI SITARAMDAS OMKARNATH SAMSKRITA SIKSHA SAMSAD

107, Southern Avenue, 'Vaikunthadham',
Kolkata –700029
Ph : 466 4983

Activities (2002-2003) :

The main objectives of the Samsad are to propagate the Sanskrit and Vedic learning as also to disseminate the message of Indian Culture.

It is the only Institute of its kind in this part of the country imparting instructions in Vedas and

Sanskrit in traditional methods in accordance with the Syllabi prescribed by the Government of India. During the year 2002-2003, the Samsad has been maintaining fifty students on "Gurukul Concept" in its three units where they are undergoing the above courses. It has also a Research Centre where research scholars have been carrying on their research work under the guidance of eminent teachers.

A very popular course, viz., "Vedic course (Open to all) has been introduced by the Government of India in 1994 and since then the Samsad has been conducting the course annually with spectacular success, the present course having been run at Suri at Birbhum with as many as sixty-five students chosen from various walks of life.

The Samsad organises every year, Seminars, Symposia and Memorial Lectures on such subjects as would help disseminate the message of Indian Culture.

The Samsad holds examination every year in Adya, Madhya and Upadhi in accordance with the Syllabi drawn by topmost scholars of the country. Certificates to the successful candidates are awarded in the Annual Convocation.

The Samsad has a Cultural Unit which holds cultural programmes, with financial assistance from the Government of India, on such themes as would inculcate in the minds of the audience a sense of pride about the rich cultural heritage of the nation.

The Samsad is running a Publication Department and a few books have already been published by the Unit.

On the basis of the recommendation of the State Govt., the Ministry of Human Resource Developtment approved the project submitted by the Samsad in regard to preparation of an Anthology in the selected areas of Literary Criticism, Indian Logic and Indian Legal Texts. Work in this regard has already been taken up by the Samsad and positive progress has been made.

The State Govt. have also recommended to the Govt. of India another Scheme of the Samsad, viz., "Values in Sanskrit Literature", and it is learnt that this scheme has also been approved and formal sanction order in this is expected soon.

Besides the above two Schemes, the State Govt. has also recommended to the Govt. of India another important Scheme, viz., "Website Development as a means for promotion of Sanskrit", which, it is learnt, is at present under the active consideration of the Govt. of India.

The State Govt. not only sanctions an annual grant, but, as will appear from above, it patronises the Samsad in various ways and without its active support, financial or otherwise, and patronage, the Samsad could not have attained its present position.

10.13 RAMKRISHNA MISSION ASHRAMA

Narendrapur, Kolkata-700 103
Phone-4772201

The Ramkrishna Mission Ashrama, Narendrapur had its beginning in a Home called Students' Home for poor and orphan boys at Pathuriaghata, Calcutta. It began in 1943, the year of the Bengal Famine which took a heavy toll of life and was removed from Calcutta to its present site in 1957. The Ashrama endeavours to educate in its charge according to the best traditions of the country while instructing them in modern Arts, Sciences and Crafts.

The activities of the Ashrama may be grouped under the following major heads :

- General education;
- Technical and Vocational Education;
- Education for the visually handicapped;
- Welfare work for Harijan (Scheduled Castes and Scheduled Tribes);
- Youth Leadership, Integrated Child Development Services, Mass Education and Integrated Rural and Urban Development;
- Medical;
- Slum Rehousing and rehabilitation;
- Miscellaneous.

10.14 MAULANA ABUL KALAM AZAD INSTITUTE OF ASIAN STUDIES

567,Dimond Harbour Road,(2nd & 3rd Floors)
Behala, Kolkata-700 034
Phone : (033) 468-1396

The Maulana Abul Kalam Azad Institute of Asian Studies is a center for research and learning with focus on (a) social, cultural, economic and political/administrative developments in Asia from the middle of the 19th century onwards with special emphasis on their links with India, and on (b) the life and works of Maulana Abul Kalam Azad. Till date, the emphasis had been on modern and contemporary affairs in South Asia, Central Asia and West Asia, and carrying on area studies on the five Central Asian Republics of the former Soviet Union (i.e. Uzbekistan, Turkmenistan, Tajikistan, Kazakhstan and Kyrgyzstan), Turkey, Iran, Afghanistan and Bangladesh. As per directives of the Department of Culture vide their DO ref.1-8/99-P&B dated 6.3.2000, this Institute embarked upon its research programmes in the North-East region of India from the year 2000. The Institute now

looks forward to widening its area of study into Southeast Asia and China.

RESEARCH ACTIVITIES & SEMINARS/LECTURERS/WORKSHOP/VISITS

As regards research activities of the Institutes scholars during the period under report, this is mentioned that 12 research projects have been completed and 22 projects are in progress. Moreover, 5 research programmes on the North-east region of India have been completed and 12 such programmes are in progress. In addition to these activities, 7 Seminars/Field visits/Lecturers/ Workshops were organised along with delivery of 8 different lecturers in the Institute.

The Institute was visited by the distinguished visitor of Bangladesh to be acquainted with the research and academic activities of the Institute.

LANGUAGE PROGRAMME

Under the Language Programme of Institute, Translation of source material from Persian and Russian to English and Hindi continued both for providing source material to its scholars and for its publication programmes.

PUBLICATIONS

The Institute has been actively continuing its publication programme. The following publication have come out during the period under report : Books – 5, Journals – 2, Non-priced occasion paper – 3 with 4 publications forthcoming.

AZAD MEMORABILIA

Collection of artefacts for Maulana Azad Memorabilia Meseum is in progress. The Museum will be established in the said building after the repairs/renovation of the premises is completed, which is likely to take about a year.

LIBRARY

The Library of this Institute has now acquired a total number of 5154 books and 577 journals. Collection of documents and data in microform is also in progress.

CONSTRUCTION OF INSTITUTE'S CAMPUS AT SALT LAKE

The Govt. of India has sanctioned a sum of Rs.100 lakhs during the current financial year for the construction of the Institute's building and the CPWD, Kolkata, has been entrusted with its construction work which is to commence shortly.

10.15 BIRLA INDUSTRIAL AND TECHNOLOGICAL MUSEUM

19A, Gurusaday Road,
Calcutta-700 019
Phone : 247-7241

Since its inauguration on 2nd May 1959, **Birla Industrial & Technological Museum** has been perusing the cause of creating scientific awareness among common people, to supplement science education in schools and, because it is a museum, it also portrays the history of Science & Technology.

To supplement the class room education, Birla Industrial & Technological Museum also undertake a number of in-house and outreach programmes throughout the year. The important educational programmes carried out during 2002-2003 :

The Museum celebrated two exhibitions, namely, Indian Women in Science and another on "History of the Universe" on Thursday, 2nd May, 2002.

Apart from the above two exhibitions, Other programmes of Seminar, Competitions etc. were also organised.

The Indian Science Congress Association in collaboration with BITM celebrated the National Technology Day on 13th May, 2002(instead of 11th May) with an interactive lecture programme.

The Alumni Association of Ballygunge Govt. High School and J.B..N.S.T.S., Kolkata in collaboration with BITM organized a 'Meet the Scientist Prograamme' on 23rd April, 2002 in which Dr. A.P.J. Abdul Kalam, the renowned scientist and Bharatratna meet with about 1200 students coming from 30 schools of Kolkata.

The World Earth Day was celebrated in a fitting manner by BITM on 22nd April, 2002.

International Museums Day was observed on 18th May, 2002 at BITM with a seminar on the main theme 'Museums and Globalization.

Birla Industrial & Technological Museum and Dept. of Environment, Govt. of West Bengal jointly organised various programmes on World Environment Day on Wednesday, 5th June 2002.

The Museum organized a Summer Vacation Hobby Camp for the students reading in Class V to XI from 27th May 2002 tio 8th June 2002.

Puja Vacation Hobby Camp was held at BITM during 17th October, 2002 & 2nd November,2002.

Indian Institute of Cerebral Palsy organized an exhibition in collaboration with Birla Industrial and Technological Museum from November 7 to 10, 2002.

Pay Roll Savings Day was celebrated by BITM in collaboration with National Savings Organisation on 15th July, 2002.

The State Level Quiz and Extempore Talk on Environment was held on 20th July 2002 at BITM in collaboration with All India Science Teachers Association, West Bengal, Branch and Dept. of Environment, Govt. of West Bengal.

Dr. Kalyan Mukherjee, an internationally famed orthopedic surgeon delivered a Demonstration cum Interactive Lecture on 'OSTEOPOROSIS' a very fatal and common bone disease which effects young and old equally on Friday, 28th June, 2002 at 12-15 p.m. in the BITM auditorium.

The 142th Birth Anniversary of Achrya Prafulla Chandra Roy was celebrated by BITM in collaboration with Acharya Prafulla Chandra Sammilanee on 2nd August, 2002.

Kolkata District Science Seminar on the above topic was organized on the 28th of August 2002. 38 students from 17 schools of Kolkata participated.

Birla Industrial & Technological Museum organized the 35th West Bengal student's science seminar 2002 on Remote Sensing Applications for National DEVELOPMENT : Potential & Impediments on 29th August 2002. Md. Salim, Minister-in-charge, Depts. Of Youth Services, Minorities Development & Welfare, Self Employment Scheme for the Urban Unemployed, Govt. of West Bengal was the Chief Guest.

Birla Industrial & Technological Museum Mr. Anisur Rahaman, Minister-in-charge, Dept. of Animal resources Development, Govt. of West Bengal was the Chief Guest in the Valedictory Programme on Thursday, 29th August, 2002.

BITM in collaboration withCentre for Pedagogical Studies in Mathematics (CPSM) organized the State Level Quiz Contest on 31st August 2002.

BITM organized a film festival during 6th August 2002 and 21st August, 2002.

Popular lecturers by eminent scientists were also delivered during the year.

Birla Industrial & Technological Museum organized wild life Week on 7thk & 8th October, 2002 in collaboration with WWF India.

The Museum organized Nature Study Camp during 23rd and 26th October 2002 at Sukna Base, Mahananda Wildlife Sanctuary, Darjeeling.

World Standard was celebrated by BITM in collaboration with Bureau of Indian Standard; Kolkata on 28th October, 2002 to make people aware of the various aspects of standardization brought about by Govt of India for the benefit of the general public.

National Savings Organization joined hands with BITM in organizing the National World Thrift Day on 30th October 2002. Shri Nitish Adhikary, Minister, Judicial and Law Department, Govt. of West Bengal inaugurated the observance.

The Kolkata District, State Level and the Zonal Level Science Drama Competition was held at BITM on 28th and 30 January 2003. 28th Eastern India Science Fair and Engineering Fair 2002 was held at BITM between 4th and 8th February, 2003 at the BITM fair ground.

This year the Puja Vacation Hobby camp was on Physics, Chemistry & Life Science for students of Class VI to XI from 17th October to 2nd November 2002. BITM & S. N. Bose Centre for Basic Science organized a Popular Lecture and Multimedia presentation by Prof. C.N.R. Rao, FRS and an eminent scientist at Science City Main Auditorium for school students on Thursday, 9th January, 2003. The West Bengal State Computer Fair held every year since 1987 is one of the major events along with Science Fair, Science Seminar, Science Drama contest and the year long School Quiz where hundreds of students participate not only from the city schools but also from district schools.

Md. Salim, Minister-in-charge, Depts. Of Youth Services, Minorities Development & Welfare, Self Employment Scheme for the Urban Unemployed, Govt. of West Bengal was the Chief Guest. Of the valedictory function.

This BITM functions under the National Council of Science Museums, Govt. of India. Till 9th February, 2003 the visitors figure stands at 1,62,450.

10.16 INDIAN CHEMICAL SOCIETY

92, Acharya Prafulla Chandra Road,
Kolkata – 700 009
Phone : 23503478

Major Activities and Achievements during 2002-2003 :

The Indian Chemical Society is the premier Association in Chemical Sciences in India. The Society was founded in 1924 with Acharya Prafulla Chandra Ray as its Founder President, and Professor Jnanendra Nath Mukherjee, Professor P. C. Mitter and Professor Nil Ratan Dhar as its Founder Secretary, Founder Treasurer and Founder Honorary Editor respectively. The objectives of the Society are to (i) encourage advancement of chemistry in all its branches, (ii) promote research in chemical sciences and industry and to encourage greater interaction between academics and industries, (iii) disseminate chemical knowledge, (iv) promote scientific interest, public welfare and education in chemical sciences. The Society publishes a monthly journal, the journal of the Indian Chemical Society from its very inception, i.e. 1924. It regularly organizes meetings, conferences, symposia and seminars all over India.

Publication of the Journal :

The Society has been publishing a monthly journal almost since its inception. As an illustration, it may be noted that the Volume 79 of the Journal having 1007 pages containing 266 Research Papers and Review Articles was published in 2002.

Annual Convention of Chemists

The 39th Annual Convention of Chemists was held in Nagarjuna University at Nagarjuna Nagar, Andhra Pradesh during December 22-26, 2002. This was attended by more than 300 delegates including a few from abroad.

Branches of the Society

At present, there are eight branches of the Society located at Delhi, Lucknow, Mumbai, Magadh, Rajkot, Sagar, Udaipur and Vadodara.

Library

The Society has a rich library having of more than 10,000 volumes of Chemical Literature and about 100 Journals; these include publications of different premier chemical societies of the world. This library is open to all researchers, academicians, students as well as individuals. The Society meets the requests from the chemists from the country as well as from abroad by providing photocopies of articles published in many of these rare Journals.

Other Activities

A Seminar on Perspectives in Chemical Technology in India was organized at Head Quarters on the occasion of National Technology Day on May 11, 2002. 141st Birth Anniversary of Acharya Prafulla Chandra Ray was observed at the Head Quarters (Kolkata) on August 2, 2002. The Society is publishing a special issue in honour of Professor R.P. Rastogi, an outstanding chemist and researcher in the field of Physical Chemistry of the Country, in two volumes as April and May, 2003 issues of the Journal of the Indian Chemical Society.

10.17 CALCUTTA MATHEMATICAL SOCIETY

AE-374, Sector-I, Salt Lake City Kolkata-64.
Phone : (91)(033) 2337-8882

The Calcutta Mathematical Society was founded in 1908 with Sir Asutosh Mukherjee as President. The Society which is a Registered Society with international academic recognition is going on venturing to extend its activities more effectively in the matter of development of teaching and research in Mathematics and Mathematical Sciences for which objectives the Society was

established in 1908.

Major activities and achievements during 2002-2003 :

1) **Publication of journals :** The Society has published all its three internationally recognised series of journals namely Bulletin of the Calcutta Mathematical Society (bi-monthly), Review Bulletin of the Calcutta Mathematical Society (bi-annual) and News Bulletin of Calcutta Mathematical Society (monthly) for the year 2002 by December 2002.

2) **Library :** The Society has a rich library consisting of volumes of Mathematical literature and different research journals.

3) **Academic activities of the Calcutta Mathematical Society :**

   a) **National International Seminar :** The Society organised a National Seminar and an International Symposium on Pure And Applied Mathematics with participation of scientists including foreign scientists. These were organised with financial support from Govt. of India and Govt. of West Bengal.

   b) **Research Project :** A research project entitled "Some non-deterministic aspect of Functional Analysis Theory and Applications" sponsored by the Department of Atomic Energy, Govt. of India is being carried out.

   c) **Awards & Scholarships :** Different awards and scholarship from school level to research level have been given during the period.

Two additional scholarships have been awarded to carry on research work on Mathematical Sciences with the financial support from ICSC World Laboratory (Switzerland).

4) **Photo Gallery of World Scientists :** The Society has opened a Photo Gallery consisting of more than 150 world scientists with the financial support from the Govt. of India.

APPENDICES

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APPENDIX – II	:	Telephone Index of Functionaries of the Department of Higher Education
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APPENDIX – I (A)

SUBJECT CODE

SUBJECT	CODE
ELECTIVE LANGUAGE GROUP (L)	
Bengali	B
English	E
Sanskrit	S
Hindi	Hin
Nepali	N
Tibetan	T
Arabic	Ar
Urdu	Ur
Persian	Per
Alternative Bengali	Alt. Beng
ELECTIVE SCIENCE GROUP (SC)	
Physics	Ph
Chemistry	Ch
Mathematics	M
Zoology	Zoo
Botany	Bot
Economics	Ec
Anthropology	Anthro
Statistics	Stat
Computer Science	Comp.Sc
Electronics	Elect
Geology	Geol
Geography	G
Plant Protection	Plt.Prot
Industrial Chemistry	Ind.Chem
Psychology	Psy
Physiology	Phy
Molecular Biology	M.Bio
Chem(A)	Chem(A)
Bio-Physics	Bio.Phy
Bio-Chemistry	Bio.Chem
Defence Studies	Def.Stud
Nutrition	Nut

SUBJECT	CODE
ELECTIVE HUMANITIES GROUP (HU)	
History	H
Pol. Science	Ps
Philosophy	Phil
Education	Edn
Sociology	Soc
Music	Music
Film Studies	F. Stud
Journalism	Jour
Physical Education	Ph. Edn
COMMERCE GROUP (COM)	
Accountancy	Ac
VOCATIONAL SUBJECTS (VOC)	
Functional Hindi	F.Hin
Office Management & Secretarial Practice	Off Mgt.& Prac
Tax Procedure & Practice	Tax. Prac
Communicative English	Comm. Eng
Clinical Nutrition & Dietics	Cl. Nut
Industrial Chemistry	Ind. Chem
Micro-Biology	Mi.Bio
Computer Education/Application	Comp. App
Sericulture	Ser
Tourism & Travel Management	Tour-Tra
Information Technology	I.T.
Communication/Instrument	Commu/Instru
Agro-Service	AG
Industrial fish & fisehries	Ind.fish
Advertisement Sales Promotion & Sales Management	Ad. Sale
Seed Technology	Se. tech
Archaeology and Museology	Arch.M
Environment & Water Management	Env. & W. Mngt
Engineering	Engg

APPENDIX - I (B)

COLLEGES AND SUBJECTS

COLLEGES IN KOLKATA (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharyya Jagadish Chandra Bose College(1968) 1/1B, A.J.C.Bose Road, Kolkata-20 Ph. 2282-5181	B,E,H		Ph,Ch, M,Zoo, Bot, Phy	Ph,M, Ch	All Com. Sub	Ac		
2.	Ananda Mohan College(1961) 102/1, Raja Rammohan Sarani, Kolkata-9 Ph. 2350-1565/6505	B,E,.S, Hin,Ur,H, Ps,Phil	B,E,S, H.Phil, Zoo, Bot, Phy	Ph,Ec, Ch.,M., Ch, Ec, Phy	Ph,M, Zoo, Sub	All Com. Sub	Ac		
3.	Asutosh College (1916) 92, Shymaprasad Mukherjee Road Kolkata-26 Ph.2455-4504/4599	B, E., S, Hin, H., Phil, Ps, Soc.	B, E.,S, H, Phil, Ps, Soc,	Ph, M, Ch,Ec, Zoo, G.,Bot., Stat., Comp. Sc., M.Bio	Ph,M, Ch.,G., Ec., Zoo, Bot., Stat., Comp. Sc., M.Bio			PG in Zoo. IFF.	2(B)
4.	Bangabasi College (1896) 19, Scott Lane, Kolkata-9 Ph.2350-0273	B,E.,S, Hin,Ps, Phil,H	B,E.,S, H,Phil, Ps	Ph,M, Ch,Ec, Zoo, Bot, Comp Sc., Anthro	Ph,M, Ch, Zoo, Bot, Anthr Ec,	All Com. Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
5.	Bangabasi Evening College (1964) 19, Rajkumar Chakraborty Sarani, Kolkata-9 Ph. 2351-0304 2350-9210	B,E.,S, Hin,H,Ps, Phil	B,E.,H, Ps.	Ph,Ch, M.Zoo, Bot,Ec, Anthro.	M,Ec				
6.	Bangabasi Morning College (1965) 19, Scott Lane Kolkata-9	B,E,S,H, Ps	B,E,S,Ps	Ph,Ch, M,Bot, Zoo, Anthro	Ph,M, M, Zoo, Bot	All Com Sub			
7.	Bangabasi College Commerce (1964) 35, Scott Lane, Kolkata-9 Ph.2350-1426					All Com Sub	Ac	Princi-ples & Pract of Insur ance	
8.	Basanti Devi College (1959) 147B, Rashbehari Avenue,Kol-29 Ph.2464-1012 2463-0845	B,E,S,H, Phil, Ps, Edn.	B,E,S,H, Phil,Ps, Edn	Ec,Ph, Ch,M, Stat	Ch,M, Ph				
9.	Bethune College (1879) 181, Bidhan Sarani Kol-6 Ph.2241-1731	B,E,S,Ps. Phil,H.	B,E,S,H, Ps,Phil	PhCh, M,Zoo, Bot,Ec	Ph,Ec, Ch,M, Zoo, Bot,				
10.	Bhawanipur Education Society College (1966) 5, Lala Lajpat Rai Sarani, Kol-20 Ph.2280-5701/5702/ 3281	B,E,Hin, Ur,H, Ps, Phil, Edn	E,H,Ps, Phil, Edn	Ph,Ch, M,Stat, Ec,Bot, Zoo, Elect, Comp Sc.	Ph, Ch,M, Ec, Zoo, Bot	All Com Sub	Ac	Comp Mgnt	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
11.	Calcutta Girls' College(1964) 169,Lenin Sarani, Kol-13 Ph.2245-0414	B,E,Ur, H,Hin, Ps, Edn, Ec	E,Hin, Ur, H	Ec,		All Com Sub	Ac		
12.	Charuchandra College(1947) 22,Lake Road, Kol-29 Ph.2466-3771	B,E,H,Ps, Hin, Phil., Edn	B,E,Ps	Ec.,Ph, Ch,M, Zoo, Bot	Ec,M, Ph, Ch, Zoo, Bot	All Com Sub	Ac		
13.	Charuchandra Evening College (1985) 80, R.K. Ghosal Road, Kol-42 Ph.2441-1710	B,E,Hin, H,Phil, Ps,Ec	B			All Com Sub			
14.	Chittaranjan College(1967) 8A, Beniatola Lane, Kol-9 Ph.2241-4547	B,E,Hin, H,Ps, Phil		M,Ec		All Com Sub	Ac		
15.	City College(1884) 102/1, Raja Rammohan Sarani, Kolkata-9 Ph. 2350-1565/6505	B,E,S, H,Ps, Phil.	B,E,S,H, Phil,Ps.	Ph,M, Ch,Ec, Zoo, Bot,Phy	Ph,M, Ch, Zoo, Bot,	All Com Sub Ec, Phy	Ac		
16.	City College of Commerce(1961) 13, Surya Sen Street, Kol-12 Ph.2241-1065					All Com Sub	Ac		
17.	Deshbandhu College for Girls'(1955) 45/C, Rash Behari Avenue,Kol-26 Ph.2464-0349	B,E,S,H, Phil,Ps, Edn	B,E,H, Ps, Phil, Edn,	Ec,M,G	G,Ec	All Com Sub			

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
18.	Goenka College of Commerce (1860) 210, B.B. Ganguly Street,Kol-12 Ph.2241-2216					All Com Sub	Ac		
19.	Gokhale Memorial Girls' College(1938) 1/1, Harish Mukherjee Road, Kol-20 Ph.2223-8287	B,E,S, Hin,H, Phil,Ps, Edn	B,E,S, Hin,Ps, Edn,Phil	G,M, Psy, Ec,Ph, Ch	G,Ec, Psy, M			Ad. Sale Cl.Nut Comm Eng,	
20.	Gurudas College (1956) Narkeldanga,Kol-54 Ph.2350 3841	B,E,S,H, Ps,Phil	B,E,H,Ps	Ph,Ch, M,Zoo, Bot,Ec, Comp, Sc,Stat, Mi,Bio	Ph, Ch,M, Zoo, Bot, Ec	All Com, Sub			
21.	Gurudas College of Commerce(1968) Murari Pukur (Ultadanga) Kolkata 67 Ph.2356-1998					All Com, Sub	Ac		1
22.	Heramba Chandra College(1961) 23/49, Gariahat Road, Kolkata-29 Ph.2440-6689	B,E,H,Ps, Edn	B,E,H, Ps	Ec,G, Bot, Phy	Ec	All Com, Sub	Ac		
23.	Harimohan Ghosh College(1963) J-206 & 208A, Paharpur Road, Garden Reach, Kol-24 Ph.2469-3641	B,E,H,Ps	B,E,H,Ps	Ec,Ph, Ch,M		All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Jogmaya Devi College(1958) 92, S.P. Mukherjee Road,Kol-26 Ph.2455-5243	B,E,Hin, S,H,Ps, Phil,Soc	B,E,S,H, Ps,Phil	Ph,Ch, M,Ec, Zoo, Bot,G, Geo	Ph, Ch,M, Bot, Zoo, G,Ec, Geo	All Com Sub			
25.	Jogesh Chandra Chaudhuri College (1965) 30, Prince Anwar Shah Road, Kol-33 Ph.2417-4622/3042	B,E,H, Hin,Ps, Phil,Edn, Soc	B,E,Hin, Ps,H, Edn	Ec,Ph, Ch,M, Comp Sc, Elect, Bot, Zoo, Phy	Ph,M, Ch, Ec, Comp Sc	All Com Sub	Ac		
26.	Khudiram Bose Central College(1956) 71/2, Bidhan Sarani, Kol-6 Ph 2555-7102	B,E,Hin, Ur,H,Ps, Edn,Ec	B,Ur,H, Ps,Edn			All Com Sub	Ac		
27.	Kidderpore College (1966) 2, Pitambar Sarkar Lane,Kol-23 Ph.2459 7790	B,E,Hin, Ur,H,Ps, Edn,Phil, Per	B,Ur,Hin, E,Ps,H, Phil, Edn	Ec,M	Ec	All Com Sub	Ac		
28.	Loreto House College(1912) 7, Middletone Row, Kol-71 Ph.2229-6030	B,E,Hin, H,Ps,Edn, G,Ec Psy	E,H,Ps, Edn,G					Comm Eng	
29.	Lady Brabourne College(1939) P1/2,Suhrawardy Avenue, Kol-17 Ph. 2244-8120	B,E,S,Ur, Hin,Per, H,Ps,Phil, Soc	B,E,S,Ur, Per,H, Ps, Phil, Soc	Ph,Ch, M,Bot, Zoo,G, Ec	Ph,M, Ch, Bot, Zoo, G,Ec,				I(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
30.	Maulana Azad College(1926) 8, Rafi Ahmed Kidwai Road,Kol-13 Ph.2244-3737	B,E,S,Ur, Ar,Per,H, Ps,Phil	B,E,S,Ur, Ar,Per,H, Ps,I,H,C	Ph,Ch, M,Zoo, Stat,Ec	Ph,Ec, Ch,M, Zoo, Stat			Def. Stud, PG (Zoo)	1(B)
31.	Maharaja Manindra Chandra College(1941) 20, Ramkanto Bose Street,Kol-3 Ph. 2555-4562	B,E,H,Ps, Phil	B,E,H,Ps, Phil	Ec,M, Ph,Ch, Stat, Elect, Comp, Sc,	Ec,M, Ph, Ch, Comp Sc	All Com Sub	Ac		
32.	Maharaja Sris Chandra College(1964) 20, Ramkanto Bose Street,Kol-3 Ph.2555-5810	B,E,Hin, H,Ps,Edn, Ec	B,E,Hin, H,Ps			All Com Sub	Ac	Off Sec, Prac	
33.	Maharani Kashiswari College(1964) 20, Ramkanto Bose Street,Kol-3 Ph.2555-6325	B,E,S,H, Ps,Phil, Edn,Sco	B,E,S,H, Ps,Phil, Edn,Soc	Ec,Stat, M,Ph, Comp Sc,	Ec			TTM	1(G)
34.	Milli Al-Ameen College (2000) 43, Hare Krishna Konar Road,Kol-14 Ph.2284-5637/4818	B,E,Ur, Ps,Edn, IHC	E,Ur,Ps						
35.	Muralidhar Girls' College(1940) P-411/14, Gariahat Road,Kol-29 Ph.2464-1312	B,E,S,H, Phil,Ps, Edn,Soc, Jour	B,E,S,H, Phil,Ps, Edn,Jour,	M,Ec, Bot,G, Psy	Ec,G, Psy			TTMV	

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
36.	Netajinagar College (1967) 170/436, N.S.C.Bose Road,Regent Estate, Kol-92. Ph.2411-5445	B,E,Ps,H, Jour	B,E,H, Jour, Mass Comm			All Com Sub	Ac		
37.	Netajinagar Day College(1986) 170/436, N.S.C.Bose Road,Regent Estate, Kol-92 Ph. 2411 5301	B,E,Ps,H, Phil,Edn	B,E,H, Ps	Ph,Ch, M,Bot, Zoo, Phy, Comp Sc,Ec	Ph,Ec, Ch,M, Bot	All Com Sub	Ac		
38.	Netajinagar College for Women(1986) 170/13/1, N.S.C.Bose Road,Regent Estate, Kol-92 Ph.2411-6711	B,E,H, Phil,Ps, Edn, Film,Std	Edn	Ph,M, Ch,Zoo, Bot,Ec, Phy	Zoo, Phy,				
39.	New Alipore College (1963) L-Block,New Alipore Kol-53 Ph.2478-0224 2445-2131	B,E,S,H, Phil,Ps	B,E,H,Ps, Phil	Ph,M, Ch,Zoo, Bot,Ec, Stat, Comp Sc	Ph,M, Ch, Ec	All Com Sub	Ac		
40.	Presidency College (1817) 86/1, College Street, Kolkata- 73 Ph.2241-1960	B,E,Hin, H,Ps, Phil,Soc	B,E,Hin, H,Ps, Phil,Soc	Ph,Ch, M,Bot, Zoo,G, Phy,Ec, Stat Geo	Ph,G, Ch,M Bot, Zoo, Phy, Ec, Stat, Geo			M,Bio Chem (A) PG in Bot,G, PH,Ch, Geo, Zoo, Phy, Appld Ec, Hin	1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
41.	Prafulla Chandra College (1946) (Evening) 23/49, Gariahat Road, Kolkata-29 Ph.2440-6689	B,H,Ps		Ec,M, Geo		All Com Sub	Ac		
42.	Rammohan College (1961) 102/1, Raja Rammohan Sarani,Kol-9 Ph.2350-5687	B,E,S,H, Phil,Ps, Edn	B,E,S,H, Phil,Ps, Edn	G,Ch, M,Ph, Zoo,Ec, Bot, Phy,	G,Ch, M,Ph, Zoo, Bot, Phy, Ec,	All Com Sub	Ac		1(G)
43.	Rani Birla Girls' College (1961) 381, Shakespeare Sarani, Kol-17 Ph.2247-5509	B,E,H, Hin,Phil, Ps,Edn, Soc	E,Ps,Edn	G,Ec					
44.	Savitri Girls' College (1972) 13, Muktaram Babu Street,Kol-77 Ph.2239-4240	B,E,Hin, H,Phil,Ps Edn,Ec	B,Hin,H, Edn			All Com Sub	Ac		
45.	Scottish Chruch College(1830) 1&3, Urquhart Square, Kolkata-6 Ph.2350-3862	B,E,S,H, Ps,Phil, Soc,Hin, Ph,Edn	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec, Stat, Comp. Sc	Ph, Ch,M, Zoo, Bot, Ec,			Food Sc, & Q.Co ntrol	3(B) 2(G)
46.	Seth Anandaram Jaipuria College (1945), 10, Raja Nabakrishna Street, Kol-5 Ph. 2555-4117/3647	B,E,Hin, H,Ps, Phil	B,E,Hin, H,Ps, Phil	M,Ph, Ch,Bot, Zoo, Comp Sc,Ec, Elect	Ph,Ec, Ch,M	All Com Sub	Ac	Funct Hin, Off Mgt, Tax Prac & Tax Proct	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
47.	Seth Soorajmull Jalan Girl's College (1954) 8-9, Bankim Chatterjee Street, Kol-73 Ph.2241-5256	B,E,Hin, H,Phil, Ps, Edn	E,Hin, Phil,Ps			All Com Sub	Ac		
48.	Sivanath Sastri College(1955) 23/49, Gariahat Road, Kolkata-29 Ph.2440-6689	B,E,S,H, Ps,Phil, Edn	B,E,S,H, Ps,Phil, Edn	Bot,Ec, G	G	All Com Sub	Ac		
49.	South Calcutta Girls' College (1932) 72, Sarat Bose Road, Kol-25 Ph.2475-3785	B,E,S,H, Phil,Ps, Edn,Jour	B,E,H, Phil,Ps, Edn	G,Ec,M, Zoo, Bot, Phy	G,Ec	All Com Sub			1(G)
50.	Shri Shikshayatan College (1955) 11, Lord Shina Road, Kol-71 Ph. 2282- 6033/7296	B,E,Hin, H,Edn,Ps, Phil	B,E,Hin, H,Edn, Ps,Ec	Bot, M,G,Ec	Ec			B,Ed	
51.	Sanskrit College (Govt.), (1824) 1, Bankim Chatterjee Street, Kol-73 Ph.2241-3611	B,E,S, Ling,.H, Ps,Phil, Soc,Ec, Anthro	B,E,S, Ling,H, Ps,Phil, Soc, Anthro						
52.	St. Paul's Cathedral Mission College (1860), 33/1 Raja Ram Mohan Sarani, Kol-9 Ph.2350-3682	B,E,Hin, H,Phil, Ps,Soc	B,E,H,	Ph,M, Ch,Ec, Stat, Zoo, Phy, Mi-Bio	Ch,M, Ph,Ec				1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
53.	St. Xavier's College (1860) 30, Park St. Kol-16 Ph.2247-9966	B,E,Hin, H,Ps,Soc, Film Stud	E,Ps, Soc	Ph,M, Ch,Stat, Comp. Sc,Ec	Ph,MC, H,Ec, Stat, Co-mp Sc,	All Com Sub	Ac	Mass Comm Video	2(B)
54.	Surendranath College(1884) 24/2 Mahatma Gandhi Road, Kol-9 Ph.2350- 2864 2354-3876	B,E,S, Hin,Ur, Phil, Ps,H	B,E,S,Ps, Phil,H	Ec,Ph, Ch,M, Phy,G. Zoo, Bot,Psy, Stat, Comp. Sc, M.Bio	Ec,Ph, Ch,M, Bot,G, Zoo, Phy, Comp. Sc, Mi.Bio, Psy, Stat	All Com Sub	Ac		
55.	Surendranath College for Women Gandhi 24, Mahatma Gandhi Road, Kol-9, Ph.2350-2389	B,E,S,H, Phil,Ps, Edn.Jour	B,E,S,H, Phil,Ps, Edn	G,Ec,M	G,Ec			Comm Engg	
56.	Surendranath Evening College (1942), 24/2, Mahatma Gandhi Road, Kol-9, Ph.2350-9011	B,E,S,H, Phil,Ps	B	Ph,M, Ch, Elect, Comp. Sc	Elect	All Com Sub	Ac	Bsc, EEM	
57.	Syamaprasad College (1916) 92, Shyamaprasad Mukherjee Road, Kolkata-26 Ph.2455-1738/7671	B,E,S,Fr, Hin,H,Ps, Phil,Edn	B,E,Edn	M,Ph., Geo,Ec, Stat, Comp Sc., Elect	Comp Sc.,G, Ec	All Com Sub	Ac	Comp App	
58.	Umesh Chandra College (1841) 13, Surya Sen Street, Kol-12 Ph.2241-1065					All Com Sub	Ac	Off Mgt. & Prac	

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
59.	Victoria Institution (1932), 78/B, Acharya Prafulla Chandra Road, Kol-9 Ph.2360-0046 2350-1959/3590	B,E,S,Ur, H,Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Ec, Geo,G, Zoo Bot	M,Ec, Geo, Zoo, Bot, G				1(G)
60.	Vidyasagar College (1859) 39, Sankar Ghosh Lane , Kol-6 Ph.2241-3018/4447	B,E,S, Hin,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch., M,G,Ec, Elect, Zoo, Bot, Phy, M.Bio, Com. Sc	Ph,M, Ch,G, Bot, Zoo, Phy, Ec	All Com Sub			1(B)
61.	Vidyasagar College for Women (1960) 39, Sankar Ghosh Lane, Kol-6 Ph.2241-8887	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	M,Ph, Ch,Zoo, Bot.Ec, Geo, Phy, Elect	M,Ph,. Ch, Zoo, Bot, Ec, Geo, Phy				
62.	Vidyasagar Evening College, (1961) 39, Sankar Ghosh Lane Kol-6 Ph.2241-9508/9505	B,E,Hin, H,Ps,Soc	B,E,H, Ps	Ph,Ch, M,G, Stat	Ph,G, Ch,M	All Com Sub	Ac		
63.	Vijaygarh Jyotish Roy College, (1950) Bejoygarh, Kol-32 Ph. 2412-4082	B,E,H,Ps, Phil.Edn	B,E,H,Ps, Phil,Edn Ph,Edn.	Ph,Ch, Zoo,Ec, Bot,M, Mi,Bio	Ph, Ch,Ec, Zoo, Bot, Mi.Bio	All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
64.	Women's Christian College (1945) 6, Greek Church Row, Kol-26 Ph.2464-3341	B,E,S,H, Phil,Ps	B,E,S,H, Phil, Ps	G,Ec,M	G,Ec				1(G)
65.	East Calcutta Girl's College, (1992) P-237, Block-B, Lake Town, Kol- 89 Ph.2534-8039	B,E,H, Ps,Phil, Edn, Jour, Soc	B,E,H, Ps,Phil, Soc, Edn	Ph,Ch, M,Bot, Zoo, Geo	Zoo, Ec, Ego	All Com Sub	Ac		
66.	Women's College P-29, Khirode Vidyavinode Avenue, Kolkata-3 Ph.2554-4540	B,E,S,H, Phil,Ps, Edn,Ec, Music	B,E,S,H, Phil,Ps, Edn						

SOUTH 24 PARGANAS (CU)

1.	Bankim Sardar College (1955) P.O. Tangrakhali Pin-743329 Ph.9118 255263	B,E,S,H, Ps,Phil	B,H,Ps	Ec,Ph, Ch,M, Bot, Zoo	Ph, Ch, Bot, Zoo	All Com Sub	Ac		4 Units
2.	Baruipur College (1981) P.O. Purandarpur Math. Pin-743610 Ph.2433-9566	B,E,H, Edn,Ps, Phil	B,E,H,Ps, Edn	G,M		All Com Sub	Ac		
3.	Behala College (1963) Parnasree, Kol-60 Ph. 2451-5353	B,E,S,H, Ps	B,E,H,Ps	Ph,Ch, M,Zoo, Ec,Stat, Elect, Bot,Def. Stud.	Ch,M, Ph,Ec, Zoo			Ind. Fish	

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Behala College of Commerce, (1967) Parnasree, Kol-60 Ph. 2578-5167					All Com Sub	Ac		
5.	Budge Budge College (1971) 7, Deshbandhu Chittaranjan Road, Budge Budge-743319 Ph.2470-1454/5168	B,E,H,Ps, Phil,Edn	B,E,H,Ps, Edn	G,Zoo, Bot,Ph, Ch,M, Ec,Zoo	G, Zoo	All Com Sub	Ac		
6.	Bhangar Mahavidy-alaya (1997) P.O. Bhangar Pin-743 502 Ph.9118-270460	B,E,H,Ps, Phil,Edn	B	Ec.G,M	G	All Com Sub	Ac		
7.	Dhruba Chand Halder College (1965), P.O. Dakshin Barasat Pin-743372 Ph.9118-243550	B,E,H, Ps,Phil, Ph.Edn	B,E,H, Ps, Phil	G,Ec, Ph,M, Ch.Zoo, Bot, Mi.Bio. Comp. Sc.	G,M, Mi.Bio	All Com Sub	Ac		1(B)
8.	Dinabandhu Andrews College, (1956) P.O. Garia, Kol-84 Ph.2430-4377(Zoo)	B,E,S,H, Ps,Phil, Music	B,E,H	Ec,Ph. M,Ch, Zoo, Bot, Elect., Mi,Bio	Ec,M, Ph, Ch, Zoo, Bot, Elect, Mi.Bio	All Com Sub	Ac	Ser PG (Zoo)	

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Fakir Chand College (1948) P.O. F.C.College Diamond Harbour Pin- 743331 Ph.9174-255230	B,E,S,H, Ps,Phil, Edn	B,E,H,Ps, Phil,Edn	Ph.Ch, M,Ec, Elect, Zoo, Bot, Geo, Ph.Edn	Ph, Ch,M, Elect, Ec,	All Com Sub	Ac	Comp App, Tour & Tr. Manag B.Ed	1(B)
10.	Gour Mohan Sachin Mondal Maha-vidyalaya, (1969) P.O. Bireswarpur Ph.7194-277355	B,E,S,H, Ps,Phil, Edn	B,H,Ps, Phil,Edn	Ec,Ph. Ch,M, G		All Com Sub	Ac		
11.	K.K.Das College of Commerce (1964) P.O. Garia, Kol-84 Ph.2462-4398 2430-5398	B,E,Soc		Ec,M, Stat,Ph		All Com Sub	Ac		
12.	Kishore Bharati Bhagini Nivedita Girls' College(2001) Behala, Kolkata-60 Ph.2404-0091	B,E,H,Ps, Phil,Edn G	B,H,G, Ps, Phil						
13.	Mograhat Degree College (1996) Magrahat -743335 Ph. 9174-252630	B,E,H,Ps, Edn,G	B,H						
14.	Maheshtala College (1971) P.O. Chandannagar (via-Maheshtala), Pin- 743 352 Ph.2490-1502/8350	B,E,S,H, Ps,Phil, Edn	B,E,H, Ps,Phil	Ph,Ch, M,Ec,G, Comp Sc.	G	All Com Sub	Ac		
15.	Patharpratima Mahavidyalaya (2001), Pathar-pratima-743371 Ph.953210-67602	B,E,H,Ps, Phil,G, Geo	B,H,G						

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
16.	Ramkrishna Mission Residential College (1960), P.O. Naren drapur, Pin-743508 Ph.2477-2205	B,E,S, Hin,H,Ps, Phil	E,H	Ph,M, Ch,Stat, Bot,Ec	Ph,M, Ch, Ec, Stat				3(B)
17.	Raidighi College (1995) P.O. Raidighi, Pin- 743 383 Ph.9174-70761	B,E,H, Edn,Ps	B,H,Edn	Ph,Ch, M,G					
18.	Sammilani Mahavi-dyalaya, (1996) Baghajatin Station E.M.By-Pass, Pin-700 075 Ph. 2462-6869/7656	B,E,S,H, Ps,Phil	B,E,H	Ph,Ch, M,Zoo, Comp, Sc.,G, M.Bio	Mi, Bio Comp,	All Com Sub	Ac		
19.	Sonarpur Mahavi-dyalaya(1985) Sahid Biswanath Sarani P.O. Rajpur Pin- 743 358 Ph.2434-1421	B,E,H,Ps, Phil,Edn	B,H	G,Zoo, Bot, Phy	G	All Com Sub	Ac		
20.	Sundarban Hazi Desarat College (1961) P.O. Pathankhali Pin-743611	B,E,H,Ps, Phil,Edn	B,H	Ec,Ph, Ch,M, Zoo, Bot, Anthro		All Com Sub	Ac		4(B) 2(G)
21.	Sundarban Mahavidyalaya (1965), P.O. Kakdwip Pin- 743 347 Ph.03210-255057	B,E,H,Ps, Phil,Edn	B,E,H,Ps, Phil	Ph,Ch, M,Ec, Geo	Ph, Ch,M	All Com Sub	Ac		
22.	Sushil Kar College (1968) Ghoshpur, P.O. Champahati Pin- 743 330 Ph.9118-260005	B,E,H, Ps,Phil, Def.Stud	B,E,H, Ps,Phil	Ec,M,	Ec	All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
23.	Saheed Anurup Ch. Mahavidyalaya (1991) P.O. Burul, Pin-743 318 Ph.2420-6131	B,E,H,Ps, Phil,Edn	B,H			All Com Sub	Ac		
24.	Sagar Mahavi-dyalaya, (1998) P.O. Rudranagar P.S. Sagar Pin-743 373 Ph. 03210 -42525/42573/42559	B,E,H,Ps, Edn	B,H	Ph,Ch, M,G					
25.	Sarsuna College (1999), Sarsuna Upanagari Ho-Chi-Min Sarani Kolkata-61 Ph.2452-3699	B,E,H, Ps,Edn, F.Stud	B,E,H, Ps	Ph,Ch, M,Zoo, Bot, Elect, Comp Sc., Mi-Bio	Ch,G, Comp Sc., Mi-Bio	All Com Sub	Ac		
26.	Vidyanagar College, (1963) P.O. Charashyamdas Pin- 743 503 Ph.2495-9218	B,E,H, Ps,Phil	B,Phil	Ph,Ch, M,Zoo, Bot,Ec	M,Ec	All Com Sub	Ac		
27.	Vivekananda College, (1950) Thakurpukur, Kol-63 Ph.2467 3434	B,E,S,H, Ps,Phil	B,E,S,H, Phil,Ps	M,Ec,G, Zoo,Ph, Bot,Ch, Elect, Stat	Ph,Ec, Ch,M, Zoo, Bot	All Com Sub	Ac		
28.	Vivekananda College for Women (1961) Barisha, Kol-8 Ph. 2468-5031	B,E,S,H, Ps,Phil, Soc,Edn	B,E,S,H, Ps,Phil	G,M, Zoo,Ec, Bot, Anthro	G,Ec, Anthro				

NORTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharya Prafulla Chandra College (1960) P.O. New Barrackpore-743 276 Ph. 2537 8797	B,E,S,H, Ps,Phil, Jour	B,E,S,H, Ps,Phil, Jour	Ph,Ch, M,Ec, G,Zoo, Bot, Anthro, Comp. Sc., Elect, Mi.Bio	Ph,Ec, Ch,M, G, Comp Sc, Elect, Zoo, Bot, M.Bio, Anthro		Com Eng, Advt Sales Prom		
2.	Acharya Prafulla Chandra College of Commerce(1966) P.O. New Barrackpore-743 276 Ph.2567-2311					All Com Sub	Ac		
3.	Banipur Mahila Mahavidyalaya(1999) Banipur-743 233 Ph.9116-252116	B,E,H,Ps, Phil,Edn, Soc, Ph,Edn	Soc,Edn						
4.	Barasat Govt. College(1950) P.O. Barasat-743 201 Ph.2552 3365 2542-3656	B,E,S,H, Ps,Phil, Edn	B,E,S,H, Ps,Phil, Edn	Ph,Ch, M,Ec, G,Zoo, Bot	Ph,Ch, M,Ec, G,Zoo, Bot				1(B)
5.	Barasat Govt. (1972) 1,Kalyani Road, Barasat, P.O. Nabapalli-743 203 Ph. 2552 3656	B,E,H,G, Ps,Edn, Soc,Phil,	B,H,Ps, Edn			All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Bidhannagar College (1984) BF-142, Bidhannagar Kol-91 Ph. 2337- 4761	B,E,H, Ps,Phil	B,E,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec, Stat	Ph,Ch, M,Zoo, Bot,Ec, Stat				
7.	Barrackpore Rashtra-guru Surendranath College, (1953) 6,Riverside Road, Barrackpore-743 101 Ph.2560-0603/8855 Fax - 2540-5270	B,E,Hin, H,Ps,Phil Edn, Jour, F, Stud	B,E,Hin, H,Phil, Ps,Edn, Jour, Mass Comm	Ph,Ch, M,G,Ec, Elect, Comp, Sc., Stat, Mi,Bio	Ph, Ph,Ch, M,G,Ec Elect, Comp, Sc, Mi-Bio	All Com Sub	Ac		
8.	Basirhat College(1947) P.O. Basirhat- Pin-743 412 Ph.03217-255-225	B,E,S, Ps,Phil	B,E,H, Ps,Phil	Ph, Ch, M.Ec, Bot, G, Zoo, Phy,	Ph, Ch,M. Ec, Bot, G, Zoo, **Phy,**	All Com. Sub	Ac Comp. Sc.		1(B)
9.	Bhairab Ganguly College(1968) 2, Feeder Road, Belghoria Kol-56 Ph.2553-2280 2564-3191	B, E, S, Ur, Ps, Phil, H, Edn	B, E, H, Edn	PhCh, M, Bot, Zoo, Ec, Phy, G, Elect, Comp. Sc	M, Ph, Ch, G Bot, Ec, Zoo, Phy,	All Com. Sub	Ac	Adv. Sales	
10.	Brahmananda Keshab Chandra College(1956) 111/2,B.T.Road Kol-35 Ph.2557-2486	B, E, S, H,Ps, Phil	B, E, H, Ps, Phil	Ec, M, Ph, Ch, Bot, Zoo, Stat, M. Bio	M, Ph, Ch, Bot, Zoo, Ec			IFF	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
11.	Bonhooghly College of Commerce(1965) 111/2,B.T.Road Kol-35 Ph.2577-2479					All Com Sub	Ac		
12.	Chandraketugarh Sahidulah Smriti Mahavidyalaya (1997), P.O.Debalaya (Berachampa) Pin-743 429 Ph.03216-9116242652	B, E, H, Ps, Phil, Edn, Soc				All Com. Sub			
13.	Dinabandhu Mahavidyalaya (1947) P.O. Bongaon-743 225 Ph.03215-255044	B, E, S, H, Ps, Phil	B, E, Ps	Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc. Ec	Ph, M, Ec, Zoo, Acth, Anth	All Com. Sub	Ac	IFF	1(B)
14.	Derozio Memorial College(1996) Rajarhat Road, P.O. R-Gopalpur Pin -743 518 Ph.2573-1040	B, E, H, Ps, Phil,Edn	B, E, Ps, H	Ph, Ch, M, Bot, Zoo, Ec, Comp Sc	M, Ec, Comp Sc,	All Com Sub			
15.	Dum Dum Motijheel College(1950) 1, Motijheel Avenue, Kol-74 Ph.2551-2585	B, E, S, H,Ps, Phil, Edn, Jour	B, E, H, Ps,Phil	Comp. Sc, Ec, Ch, M, Ph, Zoo, Bot, G, Stat, Mi. Bio, M. Bio, Elect	Comp Sc, Ec, Ch. Ph, Zoo, Bot			INST	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
16.	Dum Dum Motijheel College of Commerce (1968) 208/B/2, Dum Dum Road,Kol-74 Ph. 2551 5921/6863					All Com Sub	Ac		
17.	Gobardanga Hindu College(1947) P.O. Khantura-743 252 Ph.9116-64210	B, E, S, H, Ps, Phil, Edn	B, E, S, H, Ps	Ph, M, Ch, Ec,	Ph, M, Ch, Ec	All Com. Sub	Ac	TTM	1 (B)
18.	Hiralal Mazumder Memorial College for Woman(1959) Dakshineswar,Kol-35 Ph.2564-5148 2553-2148	B, E, H, S,Ps, Phil,Edn, Soc	B, E, S, H,Ps, Phil, Soc	Ph, Ch, M, Bot, Zoo, Ec, Geo	Geo	All Com. Sub			
19.	Kanchrapara College(1972) P.O. Kanchrapara Pin-743 145 Ph.033-82-8790 (Kalyani University)	B, E, S, Hin, Ps	B, E, Hin,Ps	Ph, Ch, M, Bot, Zoo, Ec	Ph, Ch, M, Ec	All Com. Sub	Ac		
20.	Kalinagar Mahavidyalaya(1985) Kalinagar, P.O. Kalinagarhat-743442 Ph.2552-5820	B, E, H, Ps,Phil, Edn, G	Edn, G						1 (B)
21.	Mahadevananda Mahavidyalaya (1968) Monirampore, Barrackpore-743 101 Ph. 2560-0577	B, E, S, H,Phil, Edn	B, E, H	Ec, Ph, M, Ch, Zoo, Bot, Elect, Comp. Sc	Ph, M, Ch	All Com. Sub	Ac		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
22.	Morning Star College Barrackpore-743 101 Ph.033-2560-0577	E, H, Phil	H, Phil						
23.	Mrinalini Datta Mahavidyapith(1964) VidyapithRoad, BiratiPh.2539-3825 2537-3825	B, E, S, H,Ps, Phil,Edn, Soc	B, E, H, S,Ps, Phil,Edn	Ph, Ch, M, Ec, G, Comp. Sc., Bot, Anthro	Ec, G	All Com Sub	Ac	BBA (H) Ad. Sale	
24.	Nahata Jogendranath Mondal Smriti Mahavidyalaya(1985) P.O. Nahata-743 290 Kolkata-51 Ph.03215-253267	B, E, H, Ps, Edn	B, H			All Com Sub	Ac		
25.	Netaji Satabarshiki Mahavidyalaya(2000) Ashokenagar, P.O. Haripur Ph.9116-251438	B, E, H, Ps, Soc,G, Ph, Edn, Music	B						
26.	P.N.Das College(1962) Santinagar,Palta Bengal Enamel-743122 Ph. 2560 1327	B, E, H, Ps,Phil	B, Ps			All Com Sub	Ac		
27.	Panihati Mahavidyalaya(1964) Barasat Road, Sodepur-743178 Ph.2565-3778	B, E, H, Ps,Phil	B, Ps	Ph, Ch, Ec, Bot, Zoo		All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
28.	Ramkrishna Mission Vivekananda Centenary College (1963) P.O. Rahara Ph.2568-2049 2442-2049	B, E		Ph, Ch, M, Zoo, Bot,	Ph, M, Ch, Bot, Zoo			Ser.	1 (B)
29.	Ramkrishna Sarada Mission Vivekananda Vidyabhavan(1961) 33,Nayapatti Road, Dum Dum,Kol-55 Ph.2551-3452	B, E, S, H,Ps, Phil, Edn	B, E, S, H,Ps, Phil,Edn	Ec, M	Ec			Comp App	1
30.	Rishi Bankim Ch. College(1947) Kantalpara Naihati-743165 Ph. 2581-2099	B, E, S, Hin, H, Ps, Phil	B, E, S, Hin, H, Ps, Phil	Ec, Ch, Ph, M, Zoo, Bot, Elect, Comp Sc.	Ec, M, Ch, Ph, Zoo, Bot, Elect, Comp Sc.	All Com Sub		Comp App	
31.	Rishi Bankim Ch. College for Women (1984) Naihati-743165 Ph-2581-4778/2679	B, E, S, H,Ps, Phil	B, E, H, Ps,	Ph, Ch, M. Ec, Bot, Zoo, Geo					
32.	Rishi Bankim Ch. Evening College (1984) Naihati-743165 Ph. 2581-1281	B, E, Ps, H,Phil, F, Stud	B, E, H, Ps,Phi, F, Stud	Ec, Ph, Ch. M, G	Ec, G, Ph, M, Ch	All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
33.	Sarojini Naidu College for Women (1956) 30, Jessore Road,Dum Dum Kolkata-28 Ph. 2559-2583	B, E, S, H, Phil,Ps	B, E, S, H, Phil,Ps	Ph, Ch, M, G, Bot, Ec, Zoo	Ph, G, Ch, M, Bot, Zoo, Ec			Comp App, Com m, Eng	1 (G)
34.	Sree Chaitanya College(1956) P.O. Prafullanagar, Habra-743 268 Ph.9116-252020	B, E, P, Phil	B, E, Ps,Phil	Ph, Ch, M, Bot, Zoo,Ec, Anthro	Ph, Ec,Ch, M,Bot, Zoo, Ec, Anthro	All Com Sub	Ac		1 (B)
35.	Sree Chaitanya College of Commerce (1965) P.O.Prafullanagar, Habra Ph.9116-252-086					All Com Sub	Ac		
36.	Shaheed Nurul Islam Mahavidyalaya (2001) P.O. Tentulia-743286	B, E, H, Ps,Phil, Edn							
37.	Taki Govt. College(1950) P.O. Taki Pin-743 429 Ph.9117-247226	B, E, S, H,Ps, Phil	B, E, H, Ps	Ph, Ch, M, Ec, Zoo, Bot	Ch, Ec				
38.	Vivekananda College (1987) P.O. Udayrajpur, Madhyamgram Pin-743 275 Ph.2538-7392	B, E, H, Ps, Phil, Edn, Music, G	H, G			All Com Sub			

HOWRAH (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Azad Hind Fauz Smriti Mahavidyalaya (1986) P.O. Domjur-711405 Ph.2669-0838	B, E, H, Ps,Edn, G	B, G,			All Com. Sub			
2.	Bagnan College (1958) P.O. Bagnan-711303 Ph.9114-266258	B, E, S, H,Ps, Edn,Phil	B, E, H, Ps,	Ph, Ch, M, Ec, Bot, Zoo	Ch, M, Ec	All Com. Sub	Ac		
3.	Bijoy Krishna Girls' College(1947) 5/3, Mahatma Gandhi Road, Howrah-711101 Ph. 2660-2341	B, E, S, H, Phil, Ps, Edn	B, E, S, H, Ps, Phil, Edn,	Ec, Ph, Ch, M, G, Zoo, Psy, Co mp, Sc, Bot	Ec, Ph, Ch, M, G, Psy, Comp Sc	All Com. Sub	Ac		
4.	Gangadharpur Mahavidyalaya(1981) P.O. Gangadharpur Pin-711302 Ph. 9114-251223	B, E, S, H,Ps, Phill, Edn,	B, H, Ps,Phil, Edn			All Com. Sub	Ac		
5.	Joypur Panchanan Roy College(1986) P.O. Joypur Fakirdas-711 401 Ph. 9114 234130	B, E, H, Ps,Phil, Edn	H	P, Edn		All Com. Sub	Ac		
6.	Dr. Kanailal Bhattacharyya College (1985) P.O.Santragachi, Ramrajatala Howrah-711 104 Ph.2627-2490	B, E, H, Ps,Phil, Edn,G	B, H, Ps, Phil, Edn			All Com. Sub	Ac		1 (G)

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Lalbaba College (1964) 117, G.T.Road, P.O. Belur Math-711 202 Ph.2654-6289	B, E, S, H,Ps, Phil,Edn	B, E, H, Ps,Phil	G, Ec, Ph, M, Ch	G, Ec	All Com. Sub	Ac		
8.	Narshinha Dutta College(1924) 129,Belilious Road, Howrah-711 101 Ph.2666-8049	B, E, S, H,Ps, Phill	B, E, S, H,Ps, Phil	Ec, Ph, Ch, M, Bot, Zoo, Anthro	Ec, Ph Ch, M, Bot, Zoo, Anthro	All Com. Sub	Ac		
9.	Prabhu Jagatbandhu College,Jorhat(1964) P.O. Jorhat-711 302 Ph.2669-0221	B, E, H, Ps,Phil, Ph, Edn	B, H, Phil	G, Ec, Ph, M, Ch, Elect, Comp. Sc	G, Ec, M, Ph	All Com. Sub	Ac		
10.	Purash Kanpur Haridas Nandi Mahavidyalaya(1966) P.O. Kanpur-711 410 Ph.9114-250236	B, E, H, Ps	B, E, H, Ps,	G, Ph, Ch, M, Ec	Ec	All Com, Sub	Ac		
11.	Ramkrishna Mission Vidyamandir (1941) P.O. Belur Math Pin-711 202 Ph.2654-9181	B, E, S, H,Ps, Phil	B, E, S, H,Ps, Phil	Ec, Ph, M, Ch	Ec, M Ph, Ch			Comp App, Ind. Chem	5 (B)
12.	Ramsaday College (1946) P.O. Amta-711401 Ph.9114-260251	B, H, Ps	B, H, Ps	Ph, Ch, M, Ec	Ph, Ec,Ch, M	All Com. Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Shibpur Dinabandhu Institution(1948) 412/1,G.T.Road, Howrah-711 102 Ph.2660-2996	B, E, S, Ur, Hin,H, Ps, Phil, Edn	B, E, H, Ps,Phil, Hin, Edn	Ph, M, Ch, Ec, Comp, Sc, Zoo, Bot	Ph, M, Ch, Ec, Zoo, Bot, Comp Sc	All Com. Sub	Ac		
14.	Shyampur Siddheswari Mahavidyalaya (1964) P.O. Ajodhya-711312 Ph.9114-261221	B, E, H, Ps,Phil	B, E, H, Ps,Phil	Ph, Ch, M, Ec, Bot, Zoo	M	All Com. Sub	Ac		
15.	Sovarani Memorial College(1971) P.O. Jagatballavpur-711 408 Ph.03214-255038	B, E, S, H,Ps, Phill	B, H, Ps	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ch, M, Ec	All Com. Sub	Ac		
16.	Uluberia College (1948) Uluberia-711315 Ph. 2661-0332	B, E, H, Ps,Phil	B, E H, Ps,Phil	Ph, Ch, M, Bot, Zoo, Ec	Ph, Ch, Ch, M, Bot, Zoo,	Ph, Ec Com. Sub	All	Ac	

HOOGHLY (CU, BU)

1.	Aghore Kamini Prakash Chandra Mahavidyalaya (1959) P.O. Bengai Arambag-712611 Ph.9111-246235	B, E, S, H,Ps, Phil	B, E, S, H,Ps	Ph, M, Ch, Ec	Ph, M, Ch	All Com Sub	Ac		1 (B) 1 (G)
2.	Arambag Girls' College (1995) P.O. Arambag Pin-712601 Ph.9111-255960	B, E, H, Ps,Soc	B, E, H, Ps,Soc	Ph, Ch, M					

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Balagarh Bijoy Krishna Mahavidyalaya (1985) P.O. Balagarh-712 501 Ph.03213-260288	B, E, H, Ps	B, H	M, G, Ec			All Com Sub	Ac	
4.	Bijoy Narayan Mahavidyalaya(1950) P.O. Itachuna-712147 Ph.9113-66275	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec	Ph, Ec Ch, M, Zoo, Bot,				
5.	Bidhan Chandra College (1957) 31,G.T.Road P.O. Rishra-712248 Ph.2672-6784/1812	B, E, Hin,S, Ps,H, Phil	B, E, Ps, H,Phil	Ph, M, Ec, Comp Sc.	Ec	All Com Sub	Ac		
6.	Chandernagore Govt. College(1891) P.O. Chandernagore Pin-712 136 Ph.26835290	B, E, S, Fr,H, Ps, Phil	B, E, Fr, H,Ps, Phil	Ph, Ch, M, G, Bot, Ec Zoo,	Ph, Ec,Ch, M,G, Bot, Zoo,	All Com Sub	Ac	PG (G)	
7.	Hooghly Mohsin College(1836) P.O. Chinsurah Pin-712101 Ph.2680-2252	B, E, S, Ur,Ara, Per,H, Ps, Phil	B, E, S, Ur,Ara, Per,H, Ps, Phill	Ph, Ch, M, Ec, Bot, Ec, Zoo, G, Phy, Elect	Ph, M, Ch, G, Ec, Bot, Zoo, Phy, Elect	All Com Sub	Ac	PG (Ps, Phy Comm)	
8.	Hooghly Women's College(1949) P.O. Hooghly-712 103 Ph.2680-2335	B, E, S, H,Ps, Phil	B, E, S, H, Phil	Ph, Ch, M, Ec, G	Ph, G				1 (G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Kabi Sukanta Mahavidyalaya(1986) P.O. Angus Bhadreswar-712 221 Ph.2633-6184	B, E, H, Soc	E	Ec, M		All Com Sub	Ac		
10.	Khalisani Mahavidyalaya (1970) P.O. Khalisani Pin- 712138 Ph.2682-5530	B, E, S, H,Ps, Phil	B, E, H, Ps,Phil	G, Ec, M,Ph, Ch	M	All Com Sub	Ac		
11.	Nabagram Hiralal Paul College(1957) PO. Nabagram Pin-712246 Ph.2673-0007/5161	B, E, S, H,Ps, Phil, Edn	B, H	Ec, Ph, M, Ch		All Com Sub	Ac		
12.	Netaji Mahavidyalaya (1948) Arambag-712246 Ph.9111-255012	B, E, S, H,Ps, Phil	B, E, S, H,Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Elect Comp. Sc	Ph, G, Ch, M, Zoo, Bot	All Com Sub	Ac	F, Eng., Off. Mgt & prac.	2 (B) 1 (G)
13.	Rabindra Mahavidyalaya (1971) P.O. Champadanga Pin-712401 Ph.9112-255104	B, E, S, H,Ps, Phil, P. Edn	B, E, H, Phil	Ph, Ch, M, Zoo, Bot, Ec, G	Ph, Ch, Zoo, Bot, Ec, M-Bio	All Com Sub	Ac	Def. Stud	
14.	Raja Peary Mohan College(1881) Uttarpara-712258 Ph.2663-4155	B, E, S, H,Ps, Phil	B, E, H, Ps,Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy	Ph, Ec,Ch, M,Zoo, Bot, Phy	All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	Raja Rammohan Roy Mahavidyalaya(1964) P.O. Namgulpara, Radhanagar-712406 Ph.9532111-266221	B, E, S, H,Ps, Phil	B, E, S, H,Ps	Ph, Ch, M, Zoo, Bot, Phy	Ph, Ch, M, Zoo, Bot, Phy	All Com Sub	Ac		
16.	Sarat Centenary College(1976) P.O. Dhaniakhali-712302 Ph.9113-255282	B, E, S, H,Ps, Phil	B, E, H, Ps,	Ph, Ch, M, Zoo, Bot	M	All Com Sub	Ac		
17.	Serampore College (1818) Serampore-712201 Ph 2662-2322	B, E, S, H,Ps, Phil	B, E, S, H,Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy, Elect, M-Bio	Ph, M, Ch, Zoo, Bot, Ec, Phy, Elect, M-Bio	All Com Sub	Ac	Comm. Eng	
18.	Serampore Girls College (1981) 13,T.C.Goswami Street, Serampore-712201 Ph.2662-3723	B, E, S, Ps,H, Phil,Edn	B, E, S, Ps,H, Phil, Edn	Ph, M, Comp. Sc., Elect.					
19.	Sree Gopal Banerjee College(1958) P.O. Mogra-712148 Ph.26846244	B, E, S, H,Ps, Phil	B, E, H, Ps, Phil	Ec, Ch, M, Ph, Zoo, Bot	Ec, Ph Ch, M Zoo, Bot, Plt. Prot				1 (B) 1 (G)
20.	Sri Ramkrishna Sarada Vidyamahapith (1959) P.O. Kamarpukur-712612 Ph.03211-244224	B, E, S, H,Ps, Phil	B, E, S, H	Ph, Ch, M, Ec, Comp. Sc.	Ph, M, Ch, Ec				

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
21.	Swami Niswambalananda Girls' College(1978) 87,B.P.M.B Sarani P.O. Bhadrakali-712232 Ph.2663-0270	B, E, S, H,Ps, Phil,Edn, Ec				All Com. Sub	Ac		
22.	Tarakeswar Degree College(1986) P.O. Tarakeswar-712410 Ph.9112-276269	B, E, H, Soc, Ps, Phil, Ec	B, E, H, Soc			All Com. Sub	Ac		
23.	Vivekananda Mahavidyalaya(1966) P.O. Haripal-712405 Ph.9112-42235	B, E, S, H,Phil, Ps, Ph, Edn	B, E, H, Ps,	Ph, Ch, M, Ec, Elect,	M, Comp Sc	All Com. Sub	Ac		
24.	Vidyasagar Mahavidyalaya (1998) Vill.-Suchia P.O. Masat Pin-712701 Ph.03212-25887	B, E, H, Ps, Edn				All Com. Sub	Ac		

BURDWAN (BU)

1.	Asansol Girls' College(1956) P.O. Asansol-713304 Ph.0341-205098	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,G, Bot, Zoo	Ch,G, Bot, Zoo	All Com Sub	Ac		
2.	Banwarilal Bhalotia College(1944) P.O. Asansol-713303 Ph.0341-202842	B,E,Hin, Ur,H, Ps,Phil	B,E,Hin, H,Phil, Ps	Ph,M, Ch,Zoo, Bot,Ec, Elect	Ph,M, Ch, Ec, Zoo, Bot,	All Com Sub	Ac	Env. & W.Mgt. PG (Ph)	1(B)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Bidhan Chandra College(1961) P.O. Asansol-713304 Ph.0341-202520	B,E,S,Ur, Hin,H, Ps,Phil	B,E,Hin, H,Ps	Ec,Ph, M,Ch	Ec,M, Ph, Ch	All Com Sub	Ac		
4.	Burdwan Raj College(1881) Burdwan-713104 Ph.95342-565841(D) Ph.95342-557843(E)	B,E,S,H, Ps,Phil, Soc	B,E,S,H, Ps,Phil, Soc	Ec,Ph, Ch,M, Zoo, Bot, Stat, Elect,	Ec,Ph, Ch,M, Zoo, Bot,	All Com Sub	Ac	Ind. Fish	2(B)
5.	Chndrapur College (1985) P.O. Chandrapur, Katwa-713145 Ph.0342-752222	B,E,H, Phil,Ps	B,H,	G,Ec,M		All Com	Ac		
6.	Deshbandhu Mahavidyalaya(1973) P.O. Chittaranjan, Asansol-713331 Ph.0341-525449	B,E,S, Hin,H, Ps,Phil	B,E,H, Ps	Ec,M, Ph,Ch, Comp Sc,	Ec,M	All Com Sub			
7.	Durgapur Govt. College (1970) Durgapur-713214 Ph.0343-554135/ 546038	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo, Elect, Geo,Ec	Ph,M, Ch, Ec, Geo	All Com Sub	Ac	PG (Geo)	
8.	Durgapur Women's College (1980) Durgapur-713209. Ph.0343-562852	B,E, S,H,Phil, Ps	B,E,H, Ps	Ec,Ph, M,Ch, Elect	Ch				
9.	Dr. Gour Mohan Roy College(1986) P.O. Monteswar-713145 Ph.0342-275548	B,E,H, Phil, Ps, Ec	E,H	Ec		All Com Sub	Ac		

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya (1996) P.O. Hatgobindapur Pin-713407 Ph.0342-584616	B,E,H,Ps,	B,E,H	G,Ph,M, Ch,Bot, Zoo	M,G	All Com Sub	Ac		
11.	Guskara Mahavidyalaya (1965) P.O. Guskara-713128 Ph.0345255105	B,E,S,H, Phil,Ps	B,E,S,H, Phil,Ps	G,Ec, Ph,M, Ch,Zoo, Bot	Ph, Ch, Zoo, Bot	All Com Sub	Ac	Tax. Prac	1(B) 1(G)
12.	Kazi Nazrul Islam Mahavidyalaya (1982) P.O.Churulia-713368 Ph.0346552202	B,E,Hin, H,Phil, Ps				All Com Sub	Ac		
13.	Kalna College (1943) P.O.Kalna-713409 Ph.0345455032	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo	Ph,M, Ch, Bot, Zoo	All Com Sub	Ac		1(B)
14.	Katwa College (1948) P.O. Katwa 713130 Ph.03453-55049/ 55050/55164	B,E,S,H, Phil,Ps	B,E,H, Phil,Ps	Ec,Ph, M,Ch, Zoo,G, Bot, Phy	Ec,M, Ph, Zoo, Ch, Bot, Phy	All Com Sub	Ac		1(B) 1(G)
15.	Khandra College (1982), P.O. Khandra Ph.95341665245	B,E,S, Hin,H,Ps, Phil,Ec	B,E,S, Hin,H,Ps, Phil,Ec			All Com Sub			
16.	Kulti College (1986) P.O. Kulti-713343 Ph.95341515711	B,E,Hin, H,Ps	B	Ec,Ch, Zoo, Bot	Mi-Bio	All Com Sub	Ac		
17.	Kandra Radha Kanto Kundu Mahavidyalaya (2001) P.O. Kandra, Pin-713129.	B,E,H,Ps, Ec,G	G						

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
18.	Mankar College (1987) P.O. Mankar-713144 Ph.95343-2517269	B,E,Hin, H,Ps,Phil	B,E	Ph,M, G,Ec, Comp Sc,	G,Ec	All Com Sub	Ac	Comp App., BCA	
19.	Memari College (1981) P.O. Memari 713146 Ph.95342-250589	B,E,H,Ps, Phil, Ph,Edn	B,E,H, Ps,Phil	G,Ec, Ph,M, Ch,Stat, Comp. Sc.	G,Ec	All Com Sub	Ac		1(G)
20.	Michael Madhusudan (1996), Memorial College, Kabi Guru Sarani, City Centre Durgapur-713216 Ph.95343-2545912	B,E,H,Ps, Phil	E,	G,M,Ph, Comp. Sc.	G	All Com Sub	Ac	ASMV Comp. App. BBA B.Sc.I.T	
21.	M.U.C.Women's College(1955) B.C.Road, Burdwan-713104 Ph.0342-265168	B,E,S,H, Ps,Phil, Soc, Music	B,E,S,H, Ps,Phil, Soc	Ph,Ch, M,Zoo, Bot,G, Ec	Ph,M, Zoo, Bot, G,Ec				
22.	Raniganj Girls' College (1980) P.O.Raniganj 713347 Ph.95343 2445280/ 2444069	B,E,S, Hin,H, Ps,Phil	B,H,Ps, Phil	Ec,Ph, Ch,M, Zoo, Bot	M,Ph, Zoo, Bot	All Com Sub			
23.	Syamsundar College (1948) P.O. Syamsundar Pin-713424 Ph.95431-80226	B,E,S,H, Ps	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo	Ph, Ch,M, Bot, Zoo	All Com Sub		Seed Techno	

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Trivenidevi Bhalotia College (1957) P.O. Raniganj Pin-713347 Ph.95341-2444780/ 2444275	B,E,S,Ur, Hin,H, Ps,Phil	B,E,S,Ur, Hin,H, Ps,Phil	G,Geo, Ph,M, Ch,Zoo, Bot, Phy, Stat, Elect., Comp, Sc.	G,M Geo, Ph, Ch, Zoo, Bot, Phy, Stat, Elect, Comp	All Com Sub	Ac	Ser	1(B)
25.	Vivekananda Mahavidyalaya (1964) Burdwan-713103 Ph.95342-2565521/ 2565208	B,E,S,H, Ps,Phil	B,E, H,Ps,	G,Ec, Ph,M, Ch,Zoo Bot, Stat	G,Ec, Ph,M, Ch, Zoo, Bot			Biologi Techni	

PURULIA (BU)

1.	Achhruram Memorial College(1975) P.O. Jhalda-723202 Ph.03254-255255	B,E,S, Hin,H, Ps,Phil	B,E,H	Ph,Ch, M,Zoo, Bot	Ph,M				
2.	Balarampur College(1985) P.O. Rangadih-723143 Ph.03252-280217	B,E,Hin, H,Ps, Phil	B,E,H,Ps	Ph,Ch, M,G	M,G	All Com Sub	Ac		1(B)
3.	J.K. College(1948) P.O. Ketika-723101 Ph.03252-222416	B,E,S, Hin,H, Ps,Phil	B,E,H,Ps, Phil	Ec,Ph, M,Ch, Zoo, Bot, Geo, ComP Sc.	Ec, Ph,M, Ch, Zoo, Bot, Geo	All Com Sub	Ac	PG (Math)	1(B)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Kashipur Micheal Madhusudan Mahavidyalaya(2000) P.O. Panchokotraj Pin-723132 Ph.03251-246556	B,E,H,G, Soc,Ec	B,G						
5.	Mahatma Gandhi College(1981) Lalpur,P.O. Daldali	B,E,S,H, Ps,Phil, Edn,Ec	B,E,H,Ps			All Com Sub	Ac		1(G)
6.	Manbhum Mahavidyalaya(1986) P.O. Manbazar-723131 Ph.03253-255632	B,E,H,Ps	B,H	Ec,Ph, M,G, Comp, Sc,		All Com Sub	Ac		1(B)
7.	Netaji Subhas Asram Mahavidyalaya(1985) P.O. Suisa-723212	B,E,Hin, H,Phil,G	B						1(B)
8.	Nistarini College(1957) P.O. Deshbandhu Road-723101 Ph.03252 222064	B,E,S, Hin,H,Ps, Phil, Music	B,E,H,Ps, Phil	G,Ph,M, Ch,Zoo, Bot	G,Ch, M				2(G)
9.	Panchkot Mahavidyalaya (2000) Sarbari More P.O. Nituria Pin-723121	B,E,Hin, H,Ps,G				All Com Sub	Ac		
10.	Raghunathpur College(1961) P.O. Raghunathpur Pin-723133 Ph.03251-255235	B,E,S,H, Ps,Phil	B,E,H	Ec,Ph, M,Ch, Zoo, Bot	Ec,M, Ph, Ch				
11.	Ramananda Centenary College (1971) P.O. Laulara-723151 Ph.03253-259217	B,E,H, Ps,Phil	B,E,Phil	Ph,Ch, M,Ec,G, Zoo,Bot	Ch,Ec				

BANKURA (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bankura Zilla Saradamani Mahila Mahavidyapith(1973) P.O. Bankura-722101 Ph.03242-251194	B,E,S,H, Ps,Phil, G,Ec	B,E,Ps,H, Phil,G						1(G)
2.	Bankura Christian College(1903) P.O. Bankura-722101 Ph.03242-250924	B,E,S,H, Ps,Phil, Soc	B,E,S,H, Ps,Phil, Soc	Ph,Ch, M,Stat, Bot,Ec, Zoo,G, Elect, M,Bio	Ph,Ch, M,Ec, Bot, Zoo, Elect, M,Bio			PG(E)	
3.	Bankura Sammilani College(1948) P.O. Kenduadihi Pin-722101 Ph. 03242-250741	B,E,S,H, Ps,Phil, Soc		Ch,M, Zoo, Bot,	Ch,M, Zoo, Bot				B-3 G-1
4.	Barjora College(1985) P.O. Barjora-722202 Ph.03241-257309	B,E,H, Ps,Phil, Ec	B,E,H						
5.	Chatra Ramai Pandit Mahavidyalaya(2000) P.O. Darapur Pin-722141	B,E,H,G, Ph,Edn				All Com Sub			
6.	Gobinda Prasad Mahavidyalaya(1985) P.O. Amarkanan Pin-	B,E,S,G, Ph,Edn,	B,E			All Com Sub			
7.	Jamini Roy College(1986) P.O. Beliatore Pin-722203 Ph.03443-259261	B,E,H,Ps, Phil	B,H						

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
8.	Khatra Adibasi Mahavidyalaya(1979) P.O. Khatra Pin-722140 Ph.03243-255261	B,E,S,H, Phil,Ps, Ec	B,H			All Com Sub			2(B)
9.	Panchmura Mahavidyalaya(1965) P.O. Panchmura Pin-722156 Ph.03243-268227	B,E,S,H, Ps,Phil	B,E,H,Ps, Phil	Ph,Ch, M,Ec	Ec	All Com Sub	Ac		
10.	Pandit Raghunath Murmu Smriti Mahavidyalaya(1986) Vill- Baragari P.O. Jamboni Pin –722150 Ph.03243-259236	B,E,H,Ps, Phil	B,H	G,M	G	All Com Sub			1(B)
11.	Ramananda College (1945) P.O. Bishnupur Pin-722122 Ph.03244-252059	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,G, Phy,Ec, Stat, Comp Sc	Ph,M, Ch,G, Zoo, Bot, Ec, Phy	All Com Sub	Ac		2(B) 1(G)
12.	Saldiha College (1966), P.O. Saldiha Pin-722173 Ph.03242-252224	B,E,S,H, Ps	B,E,S,H, Ps	Ec,Ph, M,Ch, Zoo, Bot, Phy	Ec,M, Ph, Ch	All Com Sub			3(B) 1(G)
13.	Saltora Netaji Centenary College (2001), P.O. Saltora Pin-722 158	B,E,S,H, Phil,Ps							
14.	Sonamukhi College(1966) P.O. Sonamukhi-722207 Ph.03244-275251	B,E,H, Ps,Phil	B,E,H, Ps,Phil	Ec,Ph, M,Ch, Zoo, Bot	Zoo, Bot	All Com Sub	Ac		

BIRBHUM (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Abhedananda Mahavidyalaya(1965) P.O. Sainthia-731234 Ph.03462-262292	B,E,S,H, Ps,Phil	B,E,H, Ps,Phil	Ch,Ch, M,Bot, Zoo,Ec, Elect	Ph,M	All Com Sub	Ac		
2	Birbhum Mahavidyalaya(1979) P.O. Suri-731101 Ph.953462-255653	B,E,H,S, Ps,Phil Soc,G	B,E,Ps, G, Phil						
3.	Bolpur College(1950) Bolpur-731120 Ph.03463-252290	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec, G	Ph, Ch,M, Zoo, Bot, Ec	Alkl Com Sub	Ac	Ser., Rural Handi Crafts	1(B) 1(G)
4.	Chandidas Mahavidyalaya(1972) P.O. Khujutiapara Pin-731215 Ph.953463-246233	B,E,S,H, Ps,Phil	B,E,H	Ph,Ch, Bot,M, Zoo,Ec		All Com Sub	Ac		1(B)
5.	Hiralal Bhakat College(1986) P.O. Nalhati-731220 Ph.953465-255254	B,E,H,Ps, Phil,G	B,E,H			All Com Sub	Ac		
6.	Kabi Nazrul College(1985) P.O. Murarai-731219 Ph.953465-252202	B,E,H,Ps, Phil	H	Ch,Zoo, Bot		All Com Sub	Ac		1(G)
7.	Krishna Chandra College(1897) P.O.Hetampur Dubrajpur-731124 Ph.953462-70236	B,E,S,H, Ps,Phil	B,E,S,H, Ps	Ph,Ch, M,Bot, Zoo,Ec	M,Ph, Ch, Ec, Bot, Zoo	All Com Sub		Ser	

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
8.	Rampurhat College (1950) P.O. Rampurhat Pin-7312240 Ph.953461-255018	B,E,S,H, Ps,Phil	B,E,S,H, Ps	Ph,Ch, M,Zoo, Bot,Ec, Elect	Ph,Ec, Ch,M, Bot, Zoo, Ec	All Com Sub	Ac		
9.	Sambhu Nath College(1963) P.O. Labpur Pin-731 204 Ph.953463-266225	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot	Ph, Ch,M, Zoo, Bot	All Com Sub	Ac		
10.	Suri Vidyasagar College(1942) P.O. Suri-731101 Ph.953462-255504/ 257054	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,M, Ch,Zoo, Bot, Phy, Stat	Ph,M, Ch, Zoo, Bot, Phy	All Com Sub			1(B)
11.	Sailajananda Falgooni Smriti Mahavidyalaya(1998) P.O. Khayrasole Pin-731125 Ph.03462-240306	B,E,H,Ps, Phil							

NADIA (KU)

1.	Dr. B.R. Ambedkar College (1973) P.O. Betai-741163 Ph.953471 254207	B,E,H, Phil,Ps, Ph,Edn, Ec	B,H,Ec			All Com Sub	Ac		
2.	Bethuadahari College (1986) P.O. Bethuadahari Pin-741126 Ph. 03474 255401	B,E,Ps,H, Phil,Soc							

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Chakdaha College (1972) P.O. Chakdaha Pin-741222 Ph.9173-242268	B,E,S,H, Phil,Ps	B,E,H, Ps	Ph,M, Ch,Zoo, Bot,Ec, Stat,G	M,Ph, Ch, Zoo, Bot, Ec	All Com Sub	Ac	Ad Sale, BBM, BCA	1(B)
4.	Chapra Bangaljahi Mahavidyalaya(2001) P.O. Bangaljahi Pin-741123	B,E,H, Ps, Alt Beng							
5.	Dwijendralal College (1968) P.O.Krishnagar Pin-741101 Ph.953472-252240					All Com Sub	Ac		
6.	Haringhata Mahavidyalaya (1986) P.O. Subarnapur Pin-741249 Ph.03473 233318	B,E,H,Ps, Ec	B,E,H			All Com Sub	Ac		
7.	Kalyani Mahavidyalaya (1999) P.O. Kalyani-741235 Ph. 25821390	B,E,H,Ps, Soc	B,E,H, Soc	Ec,M	Ec	All Com Sub	Ac		
8.	Karimpur Pannadevi College (1968) P.O. Karimpur Pin-741152 Ph.953471-255158	B,E,H,Ps, Phil	B,E,H, Ps,Phil	Ph,Ch, M,G	Ph,M, Ch,G	All Com Sub	Ac		
9.	Krishnagar Govt. College (1846) P.O. Krishnagar Pin-741101 Ph.953472-252863	B,E,S,H, Ps,Phil	B,S,Phil	Ph,Ch, M,G,Ec	Ec				1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Krishnagar Women's College (1958) P.O.Krishnagar Pin-741101 Ph.953472-252355	B,E,S,H, Phil,Ps	B,S,Phil	Ph,M, Ch,Ec, G	Ec				2(G)
11.	Nabadwip Vidyasagar College (1942), P.O. Nabadwip Pin-741302 Ph.953472-240009	B,E,S,H, Ps,Phil	B,E,S,H, Ps	Ph,Ch, M,Ec, Bot, Zoo, Phy	Ch,M, Zoo	All Com Sub			1(B)
12.	Ranaghat College (1950), Old Baharampur Road Ranaghat-741201 Ph.9173-255111	B,E,S,H, Phil,Ps	B,S,H,Ps	Ph,M, Ch,G, Zoo, Bot	Ph, Ch, Zoo, Bot	All Com Sub	Ac		
13.	Santipur College (1948), P.O. Santipur Pin-741404 Ph.03472-278028	B,E,S,Ps, H,Phil	B,H	Ph,Ch, M,Bot, Zoo,Ec	Ph, M	All Com Sub	Ac	Comp. App.	
14.	Srikrishna College (1952), P.O. Bagula Pin-741502 Ph.03473-272205	B,E,H, Ps,Phil	B,E,H, Ps	Ph,Ch, M,Ec, Comp. Sc.		All Com Sub	Ac		1(B)
15.	Sudhirranjan Lahiri Mahavidyalaya (1966), P.O. Majdia-741507 Ph.03472-276206	B,E,H,Ps, Phil,Ec, Soc,Psy, Def.Stud	B,H,Phil, Ps,Psy, Ec,Soc,			All Com Sub			

MURSHIDABAD (KU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Berhampur Girls' College(1946) P.O. Berhampur-742101 Ph.03482-251193	B,E,S,H, Ps,Phil, Soc	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo,Ec Phy, Comp. Sc.	Ph,Ec, Ch, Phy			Comm. Eng., Ser, Tour& Tra	
2.	Berhampur College (1963) P.O. Berhampur-742101 Ph.03482-252545	B,E,H, Ps,Phil	B,E,H, Ps,Phil	Ec,G,M	Ec,M	All Com Sub	Ac	F.Stud	
3.	Dukhulal Nibaran Chandra College(1967) P.O. Aurangabad-742201 Ph.03485 262477	B,E,H, Ps,Phil	B,Ps	Ec,Ph, Ch,M		All Com Sub	Ac		1(B)
4.	Dumkal College(1999) P.O. Dumkal-742303 Ph.03481 230770/ 230040	B,E,H,Ps	B,E,	Ph,Ch, M,G, Comp. Sc	Ph,M, Ch	All Com Sub	Ac		
5.	Jangipur College(1950) P.O. Jangipur-742213 Ph.03483-264226	B,E,S,H, Ps,Phil	B,H,Ps	Ph,M, Ch,Zoo, Bot,Ec	Ph,M, Ch	All Com Sub	Ac		2(B)
6.	Jatindra Rajendra Mahavidyalaya(1986) P.O. Amtala-742121 Ph.03482 247244	B,E,H,Ps, Phil	B,H						
7.	Kandi Raj College (1950) P.O. Kandi-742137 Ph.03484-255230	B,E,S,H, Phil,Ps, P,Edn	B,E,H, Phil,Ps	G,Ph, Ch,M, Comp. Sc,Zoo, Bot,Ec, Phy	Ph,M, Ch, Ec				1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
8.	Krishnanath College (1853) P.O. Besrhampore-742101 Ph.03482 252069	B,E,S,H, Phil,Ps	B,E,S,H, Phil,Ps	Ph,M, Ch,G, Zoo,Ec, Bot, Phy	Ph,M, Ch,G, Zoo, Bot, Phy, Ec,			TTMV SRTV	3(B) 1(G)
9.	Murshidabad Adarsha Mahavidyalaya (1981) P.O. Chak Islampur Pin-742304 Ph.953481-236327	B,E,H, Ps,Phil	B						
10.	Muzaffar Ahmed Mahavidyalaya (1986) P.O. Salar-742401 Ph.953484-273305	B,E,H,Ps, Phil,Edn, G	B,H						
11.	Nagar College (1998) P.O. Nagar-742159 Ph. 03484 279076/ 255369/279053	B,E,H, Ps,Phil		Ec,M,					
12.	Panchthupi Haripada Gouribala College (1996) P.O. Panchthupi Pin-742161	B,E,Ps,H, Phil		Ec					
13.	Raja Birendra Chandra College (1965) P.O. Kandi-742137 Ph.03484-255379	B,E,Edn, Phil,G	B,E,H, Ps,Ec			All Com Sub	Ac		
14.	Rani Dhanya Kumari College (1962) P.O.-Jiaganj Pin-742123 Ph.953483-250330	B,E,H, Ps,Edn				All Com Sub	Ac	Def. Stud	

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	Sewnarayan Rameswar Fatepuria College (1965) P.O. Beldanga Pin-742133 Ph. 03482 244040	B,E,H,Ps, Phil	B,H,Ps, Phil	Ec,Ph, Ch,M	Ph, Ch,M	All Com Sub	Ac		
16.	Sripat Singh College (1950) P.O. Jiaganj Ph.953482-250351	B,E,S,Ps, Phil	B,H,Ps, Phil	Ph,Ch, M,Ec, Bot, Zoo, M,Bio, Comp Sc.	Ph,M, Ch, Bot, Ec				
17.	Syed Nurul Hasan College (1994) P.O. Farakka Barrage Pin-742212 Ph.03485 253817	B,E,H, Edn,Soc, Ps	B,H,Soc						
18.	Subhas Chandra Bose Centenary College (1998) Lalbagh, P.O. & Dt-Murshidabad Pin-742149 Ph.03482 270643	B,E,Ur,H, Ps							

PASCHIM MIDNAPORE (VU)

1.	Belda College (1963) P.O. Belda Pin-721424 Ph.03220-255246	B,E,S,H, Ps,Phil, Ph,Edn,	B,E,H,Ps, Phil	M,Ch, Ph,Ec, G		All Com Sub	Ac	Off Mgt. & Prac	1(B)
2.	Bhattar College (1963) P.O. Dantan-721426 Ph.03229-253238	B,E,H,Ps, Phil	B,E,H,Ps, Phil			All Com Sub	Ac		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Chandrakona Vidyasagar Mahavidyalaya (1985) P.O. Chandrakona Pin-721201 Ph.03225-266294	B,E,H,Ps, Phil	B,H,	Ph,M, Ec				Comp. App	
4.	Garhbeta College (1948), P.O. Garbeta Pin-721127 Ph.03224-252278	B,E,S,H, Ps,Phil	B,E,H, Phil	Ph,Ch, M,Bot, Zoo,Ec	Ph, Ch,M, Bot, Zoo	All Com Sub	Ac	Off Mgt.& Prac.	3(B)
5.	Ghatal Rabindra Satabarshiki Mahavidyalaya (1961) P.O. Ghatal Ph.03225-255024	B,E,S,H, Phil,Ps	B,E,S,H, Phil,Ps	Ph,Ch, G,Ec,M	G.M	All Com Sub	Ac		
6.	Hijli College (1995) P.O.Hijli Cooperative Hijli-721306 Ph.03222-278177	B,E,Soc	B	Ph,M, Ec,G, Comp				Comp. App, OMSP	
7.	Jhargram Raj College (1949) P.O. Jhargram Pin-721507 Ph.03221-255022	B,E,H,Ps, Phil	B,E,H,Ps, Phil	Ph,Ch, M,Bot., Zoo,Ec, Phy	Ph, Ch,M, Bot, Zoo	All Com Sub	Ac	F.Eng.	1(B)
8.	Kaibalyadayine College of Commerce, (1961) P.O. Midnapore, Pin-721101 Ph.03222-275836					All Com Sub	Ac		
9.	Kharagpur College (1949) P.O. Inda-721305 Ph.953222-2725920	B,E,S, Hin,H,Ps, Phil	B,E,Hin, H,Ps,Phil	Ph,Ch, M,Ec, Zoo, Bot, Comp. Sc	Ph, Ch,M, Zoo	All Com Sub	Ac	Ad Sale	

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Midnapore College (1873), P.O. Midnapore Pin-721101 Ph.953222-275847	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo,Ec, Phy,G, Stat, Comp. Sc.	Ph,G, Ch,M, Bot, Zoo, Phy, Ec, Stat, Comp. Sc.			BCA	1(B) 1(G)
11.	Narajole Raj College (1966), P.O. Narajole Pin-721211 Ph.03225-259616	B,E,S,H, Ps,Phil	B,H,Ps	Ph,Ch, M,Zoo, Bot	M, Bot				
12.	Pingla Thana Mahavidyalaya (1965) P.O. Maligram Pin-721140 Ph.03222-241224	B,E,S,H, Phil,Ps, Ph,Edn	B,E,H, Phil,Ps,	Ph,Ch, M,Ec, Zoo,G, Bot,Co-mp Sc.	M,Ph, Bot	All Com Sub	Ac		2(B) 1(G)
13.	Raja Narendralal Khan Womens College (1957) Gope Palace, Midnapore-721102 Ph.953222-275426	B,E,S, Hin,H, Phil,Ps, Music	B,E,S, Hin,H, Phil,Ps, Music	Ph,M, Ch,Ec, Zoo, G,Bot, Phy, Comp, Sc,	M,Ph, Zoo, Bot, Phy, Comp Sc.,G, Ec			Comp, App Ser	7(G)
14.	Sabang Sajanikanta Mahavidyalaya (1970) P.O. Lutunia-721166 Ph.03222-248221	B,E,S,H, Phil,Ps, Ph.Edn	B,S,H, Phil,Ps	Ph,M, Ch,Ec, Zoo, Bot, Phy	Ph,Ec, Zoo	All Com Sub	Ac	Ind Fish	2(B) 1(G)
15.	Seva Bharati Mahavidyalaya (1964) P.O. Kapgari-721505 Ph.953226-263295	B,E,H, Ps,Phil	B	Anthro, Ec,Ph, M,Ch, Zoo	Anthr	All Com Sub	Ac	Se. Tech	3(B) 1(G)

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Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
16.	Silda Chandrasekhar College (1974) P.O.Silda Ph.953221-252311	B,H,E,Ps	B,H	M,Ph, Ch	M	All Com Sub			1(B) 1(G)
17.	Subarnarekha Mahavidyalaya(1988) P.O. Gopiballavpur Pin-721506 Ph.953221-266278	B,E,Ps,H, Ec	B,H,Ps,G	Anthro, Elect		All Com Sub	Ac		
18.	Vivekananda Satabarshiki Mahavidyalaya (1964) P.O. Manikpara Pin-721513 Ph 953222-230244	B,E,S,H, Phil,Ps	B,H,Ps, Phil	Ph,Ch, M,Ec	Ec				

PURBA MIDNAPORE (VU)

1.	Bajkul Miloni Mahavidyalaya (1964) P.O. Kismat Bajkul Pin-721655 Ph.03220-274291	B,E,S,H, Ps,Phil, Ph,Edn,	B,E,H,Ps, Phil	Ph,Ch, M,Bot, Zoo,G, Phy	Ph,G, Ch,M, Bot, Zoo			Auto-mobile	1(G)
2.	Egra Sarada Sashi-bhusan College (1968) P.O. Egra-721429 Ph.03220-244073	B,E,S,H, Phil,Ps	B,E,H,Ps			All Com Sub	Ac	Off Mgt. & Prac.	1(B)
3.	Haldia Govt. College (1988), P.O. Debhog Haldia-721657 Ph.03224-252278 /252044	B,E,Edn, Soc, P,Edn	B,E, Edn,Soc	Ph,Ch, M,Ec, Anthro, Stat,G	Ch,M, Ec,G, Anthro, Stat			Tour-Tra	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Khejuri College(1999) P.O. Baratala Pin-721432 Ph.03220-280235	B,E,Edn, Soc	Soc					Agro-Service	
5.	Mahisadal Raj College (1969) P.O. Mahisadal Pin-721628 Ph.03224-240220	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Ec	Ph, Ch,M, Ec	All Com Sub	Ac	Comp Sc.,Ind. Chem	1(B) 1(G)
6.	Mahisadal Girls' College (1969) P.O. Mahisadal Pin-721628 Ph.953228-277520/240520	B,E,S,H, Phil,Ps, Edn,Soc, G,Music	B,E, H,Ps, Phil,Edn, Soc,G						1(G)
7.	Moyna College (1972) P.O. Moyna Pin-721629 Ph.953228-260247	B,E,S,H, Ps,Phil	B,E,H,Ps			All Com Sub			
8.	Mugberia Gangadhar Mahavidyalaya (1964) P.O. Bhupatinagar Pin-721425 Ph.03220-270236	B, E, S, H, Ps, Phil, Ph. Edn, Music	B, E, H, Ps Phil	Ph, Ch, M, Ec	Ec	All Com Sub	Ac	Tax Prac	2 (B) 1 (G)
9.	Panskura Banamali College (1960) P.O. Panskura Pin-721152 Ph.03228-252222	B,E,S,H, Ps,Phil, Ph. Edn, Music	B,E, H,Ps, Phil	Ph,Ch, M,Ec	Ec	All Com Sub	Ac	Tax. Prac	2 (B) 1(G)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Prabhat Kumar College (1926) P.O. Contai Pin-721401 Ph.03220-255020	B,E,S,H, Ps, Phil	B,E,H, Ps,Ps, Phill	Ph,Ch, Ch, M, Bot, Zoo, Ec, Comp. Sc., Anthro	Ph, Ch, M, Bot, Zoo, Ec, Comp Sc., Anthro	All Com Sub	Ac	Off	1 (B) 1 (G)
11.	Ramnagar College (1972) P.O. Depal-721453 Ph.03220-264241	B, E, S, H,Ps, Phil	B, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Phy	M, Phy	All Com Sub	Ac	IFF	
12.	Sitananda College (1960) P.O. Nandigram Pin-721631 Ph. 953224-232295/232494	B, E, H, Phill	B, H	Ph, Ch, M, Bot, Zoo, Anthro	M, Zoo, Anthro				
13.	Tamralipta Mahavidyalaya (1948) P.O. Tamluk-721636 Ph.953228-266054	B, E, S, H, Ps, Phil, Ph. Edn	B, E, S, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Phy, Elect, Comp Sc.	Ph, M, Ch, Zoo, Bot, Ec, Phy	All Com Sub	Ac		1 (B) 1 (G)
14.	Vivekananda Mission Mahavidyalaya (1968) P.O. Chaitanyapur, Pin-721645 Ph.953224-286223	B, E, S, H,Phil, Ps	B, E, H, Ps, Phil	Ph, Ch, M, Elect, Comp. Sc.	Elect, M	All Com Sub	Ac		
15.	Yogada Satsangha Palpara Mahavidyalaya (1964) P.O. Palpara-721458 Ph.953220-249227	B, E, S, H,Phil, Ps	B, E, H, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Comp Sc.	Ph, M, Comp Sc.			BCA	2 (B) 1 (G)

DARJEELING (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bijonbari College (1995) P.O. Kaijalia Ph.0354-260315	E, N, H, Ps, Edn, Ec							
2	Darjeeling Govt. College(1948) P.O. Darjeeling Pin-734101 Ph.0354-2254078	B, E, Hin, N, Tib, Ur, H, Ps, Phil, Edn, Soc	B, E, N, Hin, H, Ps, Phil	Ph, Ch, M, G, Zoo, Ec, Bot	Ph, M, Ch, G, Zoo, Bot, Ec	All Com Sub	Ac	PG (Zoo, Bot)	
3.	Kalipada Ghosh Tarai Mahavidyalaya(1988) P.O. Bagdogra-734422 Ph. 0353-2450662	B, E, N, Hin, Ur, H, Ps, Soc	H.	Ph, Ch, M, Ec,		All Com Sub.	Ac		
4.	Kalimpong College (1962) P.O. Kalimpong-734401 Ph.03552-255231/ 255486	B, E, S, N,Hin, Ps,H,Phil, Ec, G	E, N, H, Ps,Phil	Ch, Bot, Zoo	Bot, Zoo	All Com Sub.	Ac		
5.	Kurseong College (1967) P.O. Kurseong-743203 Ph.0354-244243	B, E, N, Hin, H, Ps	E, N, H, Ps	Ph, Ch, M, Ec, Zoo, G Bot		All Com Sub	Ac		
6.	Loreto College (1961) P.O. Darjeeling-734101 Ph.0354-2254238	B, E, N, Hin, Ps, H, Edn, Ec, G	E, N, H, Ps, Edn, G						
7.	Mirik College(2000) Krishnnagar P.O. Mirik-734214	E, N, H, Ps,G							

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
8.	Salesian College (1933) P.O. Sonada-734219 Ph.0354-2266328	E, H, N Phil, Edn Ec	E, H						1
9.	Siliguri College (1950) P.O. Siliguri-734401 Ph.0353-2420390	B, E, S, N Hin, H, Ps,Phil, Soc,Jour, Edn, P, Edn.	B, E, N, Hin, H, Ps,Phil, Soc, Jour, P, Edn.	Ch, Ec, M, Ph., Zoo, Bot, Mi. Bio. Comp. Sc., G, Phy, Stat	Ec, G, Ch, M, Ph, Zoo, Bot, Mi. Bio, Comp. Sc.			TTM, Comp Sc., BCA	1 (B) 1 (G)
10.	Siliguri College of Commerce (1962) P.O. Siliguri-734401 Ph.0354-2432594					All Com Sub	Ac		
11.	Siliguri Mahila Mahavidyalaya(1981) Dabgram Colony P.O. Rabindra Sarani Pin-734406 Ph.0353-2523442	B, E, Hin, H, Ps, Phil, Edn, Ec	B, E, H, Ps						
12.	Sonada College (1985) P.O. Sonada-734219 Ph.(0354) 2266316	E, N, H, Ps,Phil	N						
13.	St. Joseph's College (1927) P.O. North Point Darjeeling-734104 Ph.0354-2254155	B, E, Hin N, T, H, Ps, Soc	E, N, PS,H	Ph, Ch, M, Ec, Bot, Zoo, Comp. Sc.	Ph, Ch, Ec, Zoo, Bot	All Com Sub	Ac		1 (B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
14.	Cluny Women's College (1998) P.O. Kalimpong-734301 Ph.03552-257924 Fax:03552-256478	E, N, Hin, H, G	E			All Com Sub		Com m, En g., OMS P	
15.	Surya Sen Mahavidyalaya (1998) Surya Sen Colony Siliguri-734404 Ph.0353-2468388	B, E, Hin, N, Ps, Soc		Ph, Ch, M, Ec		All Com Sub	Ac		

JALPAIGURI (NBU)

1.	Alipurduar College (1957) P.O. Alipur,Court-736 122 Ph. 03564-255045	B,E, S,H,Ps, Phil	B,E, H,Ps, Phil	Ph,Ch, M,Zoo, Bot,Ec, G	Ph,Ec, Ch,M, G	All Com Sub	Ac		1(B)
2.	Ananda Chandra College(1942) P.O. Jalpaiguri-735 101 Ph.03561-255554	B,E,S,N, H,Ps,Phil, Edn,Soc, Ph,Edn,	B,E, H,Ps	Ph,Ch, M,Ec, Bot,G, Zoo, Comp. Sc., Phy	Ph,M, Ch,G, Zoo, Bot, Ec, Comp Sc,				1(B)
3.	Ananda Ch. College of Commerce(1962) D.B.C.Road, Jalpaiguri-735101 Ph.03561-30734	B,E,M, Ec				All Com Sub	Ac		
4.	Birpara College (1986) P.O. Birpara-735204 Ph. 03563-266217	B,E,Soc		Ph,Ch, M,G,Ec	G	All Com Sub	Ac		
5.	Falakata College (1981) P.O. Falakata-735211 Ph.03563-260307	B,E,H, Ps,Phil, Edn	B,E,H, Ps,Phil	Ph,Ch, M,Ec					

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Nani Bhattacharyya Smarak Mahavidyalaya Jaigaon,Pin-735204 Ph.03566-2632272	B,E,Hin, H,Phil,Ps							
7.	Parimal Mitra Smriti Mahavidyalaya(1985) P.O. Mal – 735211 Ph. 03562- 55212	B,E,S,H, Ps,Phil, Ec	B,E,H			All Com			
8.	Prasannadev Women's College (1950) P.O. Jalpaiguri-735101 Ph.03561-22146	B,E,S, Hin,Phil, Ps,H	B,E,S,H, Ps,Phil	Ph,M, Ch,G, Ec,Zoo, Bot, Comp Sc	Ph,G Ch, Ec			T.T.M	3(G)
9.	Sukanta Mahavi-dyalaya, (1981) P.O.Dhupguri-735210 Ph. 03563-50067 R-50101	B,E,H,Ps, Phil,Edn	B,E,H,Ps	M,Ph, Ec, Comp Sc,	Ec				
10.	Saheed Kshudiram College(1996) P.O. Kamakshyaguri Pin-736 202 Ph.03564-260419	B,E,H,G, Ps							
11.	Vivekananda College (1985) P.O. Alipurduar-736121 Ph.03564-55362	B,E,H,Ps Phil,Edn	B,E,H,Ps	Ph,Ch, M					
12.	Moynaguri College (1999) P.O. Moynaguri Jalpaiguri-735224 Ph.03561-24298	B,E,H,Ps, G,Ec							

COOCHBEHAR (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	A.B.N.Seal College (1888) P.O. Coochbehar-736101 Ph. 03582-222324/ 222314	B,E,S, Hin,H,Ps, Phil	B.E,S,H, Ps,Phil	Ph,Ch, M,Ec, Bot, Zoo	Ph,Ec, Ch,M, Zoo, Bot				1(B)
2.	Cooch Behar College (1970) P.O. Cooch Behar-736101 Ph.03582-56798	B,E,H, Phil,Ps, P,Edn,	B,H,Phil	Ph,Ch, M,G,Ec	G,Ec	All Com Sub	Ac	Com Eng Off.Mgt Sec,Prac Ad.Sale	
3.	Dinhata College(1956) P.O. Dinhata-736135 Ph.03581-55049	B,E,Hin, H,Ps, Phil	B,E,H, Ps,Phil	Ph,M, Ch,Zoo, Bot,Ec	Ph,M, Ch, Ec	All Com Sub	Ac		1(B)
4.	Mathabhanga College(1969) P.O. Mathabhanga Pin-736146 Ph.03583-55282	B,E,S,H, Ps,Phil, Soc,Edn	B,E,H,Ps, Phil	Ec,Ph, Ch,M	Ec	All Com Sub	Ac		1(B)
5.	Mckliganj College (1996) Mckliganj-735304 Ph.03584-55129	B,E,H,Ps, Edn							
6.	Netaji Subhas Mahavidyalaya(1985) P.O. Haldibari-735122 Ph.03584-63266	B,E,H, Ps,Phil	B,E	Ph,Ch, M,Ec	Ec				

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Sitalkuchi College P.O. Si talkuchi-736158 Ph.03583-83351	B,E,H, Phil,Ps, G							
8.	Thakur Panchanan Mahila Mahavidyalaya (1981) P.O. Cooch Behar Pin-736101 Ph.03582-22695	B,E,S,Ps, H,Phil, Ec	B,E,H						1(G)
9.	Tufanganj College (1971) P.O.Tufanganj 736160 Ph. 03582-244263	B,E,S,H, Ps,Phil, Soc,Ec	B,Ps,H, Soc	Ch,Bot, Zoo		All Com Sub			
10.	University B.T.& Evening College(1968) P.O. CoochBehar Pin-736101 Ph.03582-222714	B,E,H, Ps, Phil, Ec	B,E			All Com Sub			

MALDA (NBU)

1.	Chanchal College (1969) P.O. Chanchal-732123 Ph.03513-252261	B,E,S,Ar, H,Phil, Ps	B,E,Ps, Phil	Ph,M, Ch,Ec		All Com Sub	Ac		1(B)
2.	Gour Mahavidyalaya (1985) P.O. Mangalbari-732142 Ph.03512 60547/ 60510	B,E,Hin, Edn,Soc, Ps,H	B,E,H, Edn,Soc	Ph,Ch, M,G				Comm. Eng	1(B)
3.	Kaliachak College (1955) P.O. Sultanganj-732201 Ph.03512-44696	B,E,H, Ps,Edn	B,Ps, Zoo,G	Ph,Ch, M,Bot, Ec					

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Malda College (1944) P.O. Malda-732 101 Ph.03512-220807/ 808, Fax: 220516	B,E,S, Ar,Hin,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,G, Ec	Ph,M, Ch,G, Zoo, Bot, Ec	All Com Sub	Ac	2(B)	
5.	Malda Women's College(1970) P.O. Malda-732 101 Ph.03512-252597	B,E,S,H, Ps,Phil, Soc,Edn, G,Ec	B,E,H,Ps, Phil,Soc, G	Ph,Ch					1(G)
6.	Samsi College (1968) P.O. Samsi-732139 Ph. 03513-265252	B,E,Ar, S,H,Ps, Soc,Phil	B,H,Ps, Phil	Ph,Ch, M,Ec		All Com			1(B)
7.	Pakuahat Degree College(1997) P.O. Pakuahat Malda-732138 Ph. 03511-266410	B,E,H,Ps	H,Soc						
8.	South Malda College (1995) Kaliachak-732201 Ph.03512-24292	B,E,Ar, Hin,Soc, Ps,Ec	B,Soc			All Com Sub			

DAKSHIN DINAJPUR (NBU)

1.	Balurghat College (1948),P.O. Balurghat-733 101 Ph.03522-255391/92	B,E,S, Hin,Ps, Phil	B,E,S,H, Ps	Ph,M, Ch,Zoo, Bot,Ec, G	Ph,M, Ch,G, Zoo, Bot, Ec	All Com Sub	Ac		1(B)
2.	Balurghat Mahila Mahavidyalaya (1970) P.O. Balurghat-733 101 Ph.03522-255393	B,E,S,H, Ps,Phil	E,H,Ps, Phil	Ph,Ch, M,Ec					1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other ourses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Gangarampur College (1981) P.O. Gangarampur-733124 Ph.03521-255075	B,E,H,Ps, Phil	B,E,H	Ph,Ch, M,Ec	Ec	All Com Sub	Ac		
4.	Dewan Abdul Gani College(1994) P.O. Harirampur-733125 Ph.03524-265243	B,E,H,Ps, Phil	B,H						

UTTAR DINAJPUR (NBU)

1.	Shree Agrasen Mahavidyalaya(1995) P.O. Dalkhola-733 201 Ph.03525-255141	B,E,Ur, Hin,Ps, Soc,H				All Comp Sub			
2.	Islampur College(1973) P.O. Islampur733 202 Ph.03526-255088	B,E,Ur,H, Ps,Phil	B,E,H,Ps	Ph,M, Ch,Ec		All Com Sub	Ac		1(B)
3.	Kaliyaganj College (1968) P.O. Kaliyaganj-733129 Ph.03523-58030/ 58100/59659	B,E,S, Hin,H,Ps, Phil	B,E,H, Phil,Ps	Ph,Ch, M,Ec		All Com Sub	Ac		1(B)
4.	Dr. Meghnad Saha College(2000), P.O. Itahar, Ranipur,Pin-733128 Ph.03523-77707	B,E,H, Ps,Soc		M,G					
5.	Raiganj Surendranath Mahavidyalaya (1986) P.O. Raiganj-733134 Ph.03523-253055	B,E,Hin, H,Ps, Edn	B,E,Edn, Soc	Ph,M, Ch,Zoo					1(B)
6.	Raiganj University College(1948) Raiganj-733134 Ph.03523-252564/ 252714	B,E,S, Hin,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo,Ec, G	Ph,Ch, M,Ec, Bot, Zoo, G	All Com Sub	Ac	Ser.	

APPENDIX – I (C)

GROWTH OF POPULATION (INDIA)
SELECTED EDUCATION STATISTICS (MHRD)
TABLE I

(OOO'S)

YEAR	TOTAL	MALE	FEMALE	DECADAL GROWTH RATE	LITERACY RATES		
					TOTAL	MALE	FEMALE
1951	361,088	185,528	175,560	+13.31...	18.33	27.16	8.86
1961	439,235	226,293	212,942	+21.64...	28.31	40.40	15.34
1971	548,160	284,049	264,111	+24.80...	34.45	45.95	21.97
1981	683,329	353,374	329,955	+24.66...	43.67	56.50	29.85
1991	846,303	439,231	407,072	+23.50...	52.21	64.13	39.29
							(excluding J & K.)
2001	1027015	531277	495738	+21.34	65.38	75.85	54.16
West Bengal	80221	41487	38733	+17.84	69.22	77.58	60.22

APPENDIX – II

TELEPHONE INDEX
FUNCTIONARIES IN THE DEPARTMENT OF HIGHER EDUCATION

Minister-In-Charge	Prof. Satyasadhan Chakraborty	2334-6181, PBX-2337-6730, 2321-7155
Confidential Assistant	Shri Sailen Das Sharma	Ext. 3011, Fax-2337-3277
Private Secretary	Shri Amalesh Pathak	
Principal Secretary	Shri Jawhar Sircar, IAS	2337-8573 PBX-2337-6730, 2321-7155 Ext. 3091 Fax-2358-7266 E.mail: pshe@wb.nic.in
Special Secretary	Shri K. Sathiavasan,IAS	2337-6564 (Direct) PBX-2337-6730 Ext. 3092
Joint Secretary	Shri C.R. Musib	2337-6783 (Direct) PBX-2337-6730 Ext.-3008
Joint Secretary	Shri D. P. Nag	2321-2550 (Direct) PBX-2337-6730 Ext.3098

Deputy Secretary Finance (Gr.B)	Shri Goutam Bhattacharjee	2337-6730,2321-7155 Ext. 3090
Deputy Secretary	Shri K. K. Chakraborty	2337-6730, Ext. 3023
Deputy Secretary	Shri M. Biswas.	2334-2605 (Direct) 2337-6730, 2334-0597 Ext. 3094
State Liasion Officer & Ex-Officio Joint Secretary	Dr. S. Sen	2337-6730, Ext. 3024
Director of Public Instruction & Ex-Officio Education Secretary	Dr. Pijush Kanti Ganguly	2337-8269,3096
Director of Technical Education (Officiating)	Dr. A. Basu	2334-7075 2337-6730 Ext. 3210

WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

Vice Chairman	Prof. Pabitra Sarkar.	Ph. 2466-0209
Member Secretary	Dr. Pratip Choudhury.	Ph. 2466-1005 Fax: 24660209

VICE-CHANCELLORS OF THE UNIVERSITIES

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Rabindra Bharati University	Prof. Bharti Mukherjee.	Ph: 2556-8019 Fax: 2556-8079
Burdwan University	Prof. Amit Kumar Mallik	Ph : (95342)-2532900 Fax: (091)342-25304
Kalyani University	Prof. N. N. Saha.	Ph: 2582-8282 Fax: 2582-8282
Vidyasagar University	Prof.Ananda Deb Mukhopadhya	Ph: 953222-261009 Fax: 953222-264338
North Bengal University	Prof. Pijush Kanti Saha.	Ph.(0353)2581255 Fax:0353-2581546

West Bengal University of Animal & Fishery Sciences	Prof. Asim Kr. Bhattacharya	Ph: 2556-3450 Fax: 2557-1986
Bidhan Chandra Krishi Viswavidyalaya	Prof.Shantipada Sarkar.	Ph: 2587-9772 Fax: 9533-222275
West Bengal University of Health Science	Dr. Madan Mohan Chowdhuri	Ph : 2321-5388 Fax : 2321-5389
Visva Bharati (Central) University	Prof. Sujit Basu.	Ph: 953463-252451 Fax: 953463-252672
Bengal Engineering College (Deemed University)	Prof. Amaljyoti Sengupta	Ph: 2668-2916 Fax: 2668-4564
Netaji Subhas Open University	Prof. Surabhi Banerjee	Ph: 2287-1056 Fax: 2287-1082
The W.B. National University of Judicial Sciences.	Dr. N.R.Madhabamenon.	Ph: 2335-0534 Fax: 2335-7422
The West Bengal University of Technology	Prof. Bikash Sinha	Ph-23217578 Fax: 23217578
Uttarbanga Krishi Viswavidyalaya	Dr. Sunil Brahmachari	-

DIRECTORS OF ACADEMIC BODIES/INSTITUTES/WINGS OF THE DEPTT.

Director, Netaji Institute for Asian Studies,	Dr. Suranjan Das.	Ph: 2247-3145
Director, State Archives	Dr. Pranab Kr. Chatterjee.	Ph: 2241 3966
Director, Institute of English	Dr. Saktipada Bhattacharya	Ph: 2466 3039
Secretary, Paschim Banga Hindi Academy	Dr.Alakananda Bhattachrya.	Ph: 2219-1277
Director, Regional Centre of Indira Gandhi National Open University (IGNOU)	Dr. C. K. Ghosh	Ph.&Fax: 2334 9850/ 7576
Regional Officer, Eastarn Region, AICTE	Dr. B.K.Tosh	Ph: 2335-7459 Fax: 2335-7312

CHAIRMAN/CHIEF EXECUTIVE OFFICER/ SECRETARY OF BOARDS/COMMISION

West Bengal College Service Commission , Chairman,	Prof. Ajit Kumar Banik.	Ph &Fax: 2241-4679
Board of Joint Entrance Examination, Chairman	Prof. Amaljyoti Sengupta	Ph: 2668 4890
West Bengal State Book Board, Chief Executive Officer	Prof. G. Majumdar (Partly) & Prof. R. Bhattacharyya	Ph: 2236-7854

APPENDIX – III

TELEPHONE INDEX UNIVERSITIES AND ORGANISATIONS

Calcutta University	: 2241-0071-0074/4984-90/2859 R-2574-7474
Vice-chancellor	: 2241-3288 Fax: 2241-3222 Telex: 021-2752 UNIVIN
Pro. Vice-chancellor (Academic)	: 2241-0071-74/4984-90/2859 R-359-1616
Pro. Vice-chancellor (Finance)	: 2241-4984
Registrar	: 2241-0071/4984

Jadavpur University	:
(Main Campus)	
Vice Chancellor	: 2414-6000 R-2472-1237
Pro. Vice-chancellor	: 2414-6001 R- 2337-2351
Registrar	: 2414-6414

Rabindra Bharati University	: PBX-2557-7161/1028/3028/4028 Fax:2556-8079
(B.T.RD. CAMPUS)	
Jorasanko Campus	: 2239-6601/5241/6610
Vice Chancellor	: 2556-8019/239-1328 Fax : 2556-8079
	Qtr : 2557-1028, R-2455-1210
Registrar	: 2556-2543

Burdwan University	: EPABX(0342)-533-914,533-917,533-918 Fax (0342) –530-452 Tel Code Burdsity
Golap Bag	: EPABX(0342)-556-549,556-566,558-554
Vice chancellor	: (0342) 532-900 Extn.: 225 R-532-319 Extn. 223 R-557-715 (Krishnapur)
Registrar	: (0342) 533-300/Extn. 211/R-531144 Extn : 212 .

Bidhan Chandra Krishi Viswavidyalay (Mohanpur, Nadia)	: PBX – 9533-22269/22270
Vice Chancellor	: 2587-9772 Fax : 22275 R – 03473 22444
Registrar	: 2585-8163
Kalyani University	: 2582-8750/8286/8478
Vice Chancellor	: 2582-1254/8220/8690 Fax : 2582-8282 Qtr : 2582-8340 R- 2464-0643 (Kolkata)
Registrar	: 2582-8220/2510

North Bengal University Vice Chancellor	: (0353) 581-255 Fax : 581-546 Qtr : 581-324 R-431-8700/2273 (Kolkata)
Registrar	: (0353) 582-099 Fax :581-212 Qtr :581-383

Vidyasagar University	: PBX: 953222 60554
Vice Chancellor	: (953222) 61-009/ Fax : 62329 557-1611 (Kolkata)
Registrar	: (953222) 62-297 R – 62619

University of Animal and Fishery Sciences	
Vice-chancellor	: 2556-3396 Fax : 2557-1986 R.-2558-8748

B. E. College (Deemed University)	
Vice Chancellor	: 2668-2674/2916 Fax: 2668-4564/2668-2916
Registrar	: 2668-1503

Netaji Subhas Open University	
Vice Chancellor	: 2287-0157 Fax : 2287-1082 R
Registrar	: 287-0159

West Bengal University of Technology	
Vice Chancellor	: Tel & Fax : 23217578 (O) R-23596287
Registrar	: 2321-1327

Uttar Banga Krishi Viswa Vidyalaya.	
Vice chancellor	: 03582-70249
Visva Bharati	: (953463) 52-751,52756
Vice Chancellor	: (953463) 52451/52481 Fax: 52672

West Bengal University of Health Science	
Vice-Chancellor	: Ph : 2321-5388, Fax : 2321-5389

Public Service Commission.	
Chairman	: 2466 0546/1540
Secretary	: 2466-2895

State Minority Commission	
Chairman	: 2439 8877/ Res. 2284 5437

Indira Gandhi National Open University (Regional Office) Bikash Bhaban, Salt Lake	: 2334-7576 : Fax.2334 9850
Director	: 2334-9850/7576

University Grants Commission	: 2335- 4767/335- 47688-0586/4767
Eastern Regional Office	: Website: www.ugc.sc.in
Urdu Academy	: 2244-8450

APPENDIX – IV

STATE BOOK BOARD

List of Publications

Books published (including reprint/new editions) during February, 2002 to January, 2003

NAME OF SUBJECT	2002-2003
Bengali Literature	4
Geography	1
Geology	1

History	1
Journalism	1
Philosophy	3
Physical Education	1
Science Monograph	2
Library Science	1
Environmental Science	1
Physics	1
Total :	**17**

APPENDIX – V

U.G.C. LIST OF FAKE UNIVERSITIES

1. Maithili University / Vishwavidyalay, Darbhanga, Bihar.
2. Mahila Gram Vidyapith / Vishwavidyalaya, (Women's University) Prayag, Allahabad (U.P).
3. Varnaseya Sanskrit Vishwavidyalaya, Varanasi (U.P). / Jagat Puri, Delhi.
4. Commercial University Ltd., Darya Ganj, Delhi.
5. Indian Education Council of U. P., Luckwow (U.P).
6. Gandhi Hindi Vidyapith, Prayag, Allahabad (U.P.).
7. National University of Electro Complex Homeopathy, Kanpur.
8. Netaji Subhash Chandra Bose University (Open University) Achaltal, Aligarh (U.P.)
9. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
10. Bharatiya Siksha Parishad (U.P.) Open Vishwavidyalaya, Lucknow (U.P.).
11. St. John's University, Kishanattam, Kerala.
12. United Nations University, Delhi.
13. Vocational University, Delhi.
14. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (U.P.).
15. Maharana Pratap Shiksha Niketan Vishwavidyalay, Pratapgarh (U.P)
16. Raja Arabic University, Nagpur.
17. Kesarwani Vidyapith, Gorakhpur, Jabalpur, (M.P.)
18. Delhi Vishwa Vidyapeeth, 233, Tagore Park, Model Town, Delhi-110009.
19. Badaganvi Sarkar World, Open University Education Society, Gokak, Belgaum (Karnataka)

APPENDIX – VI

U.G.C. LIST OF VOCATIONAL SUBJECTS

With effect from the academic session of 1994-95, the University Grants Commission has been providing financial assistance to colleges and University departments for introduction of vocational subjects as part of the under-graduate courses in Arts, Science and Commerce. A list of vocational subjects for the introduction of which U.G.C. will provide assistance is given below.

DISIPLINE AREA	VOCATIONAL SUBJECTS
(i) Arts, Humanities and Social Sciences	1. Functional Hindi 2. Functional Sanskrit 3. Functional English 4. Archaeology & Museology 5. Science and Art of Teaching 6. Early Childhood care and Education
(ii) Commerce,Economics and Management	1. Principles and Practices of Insurance 2. Office Management and Secretarial Practices 3. Tax Procedures and Practices 4. Foreign Trade Procedures and Practices 5. Tourism and Travel Management 6. Advertisement, Sales Promotion and Sales Management 7. Computer Applications
(iii) Science	1. Industrial Chemistry 2. Food Science and Quality Control 3. Clinical Nutrition and Dietetics 4. Industrial Microbiology 5. Bio-Technology 6. Biological Techniques and Specimen Preparation 7. Seed Technology 8. Sericulture 9. Industrial Fish and Fishery 10. Instrumentation 11. Geo-Exploration & Drilling Technology 12. Mass Communication & Video Production 13. Still Photography & Audio Production

DISIPLINE AREA	VOCATIONAL SUBJECTS
(iv) Engineering & Technology	1. Electronic Equipment Maintenance 2. Computer Maintenance 3. Electrical Equipment Maintenance 4. Environment & Water Management.
(v) Subjects relevant to Rural, Hilly, Tribal areas	1. Agro-Service 2. Domestic Animal Farming 3. Forestry and Wildlife Management 4. Soil Conservation & Water Management 5. Rural Handicrafts 6. Hill Agriculture 7. Non-Conventional Energy Sources 8. Dryland Agriculture 9. Silivipasture

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15/3, B. C. Road

Jadavpur University